

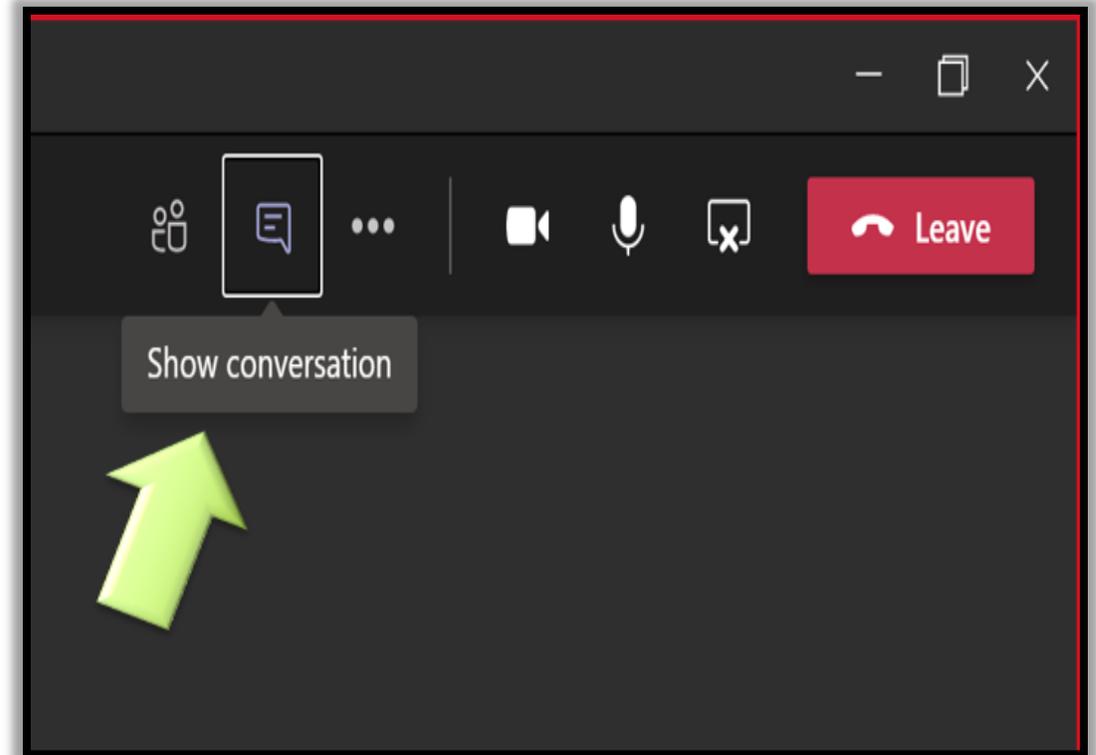


conEdison

Protocols for Today

Microsoft Teams Platform

- *Live Chat* feature
- Microphone and camera capabilities are disabled
- To ask a question or make a comment, click on the *message icon* at the top right of your screen
 - Questions can be asked at any time during the presentation
 - We will do our best to answer all questions



Summer 2024 Conference Agenda

- Summer Outlook and Communications
 - Brian Cerruti, *Meteorologist, Emergency Preparedness*
 - Ricky Joe, *Department Manager, Rate Engineering*
 - Jon Minners, *Department Manager, Outreach and Education*
- Energy Efficiency
 - Fred Yonghabi, *Senior Specialist, Energy Efficiency*
- Emergency Preparedness
 - Richard Cordero, *Senior Specialist, Customer Outreach and Education*
- New York City Emergency Management (NYCEM)
 - Abigail Banks, *Director of Individual Preparedness Community Engagement, NYCEM*
 - Angel Perez, *Community Engagement Specialist, NYCEM*
- Children's Education Program
 - Daniel Jeong, *Senior Specialist, Customer Outreach and Education*

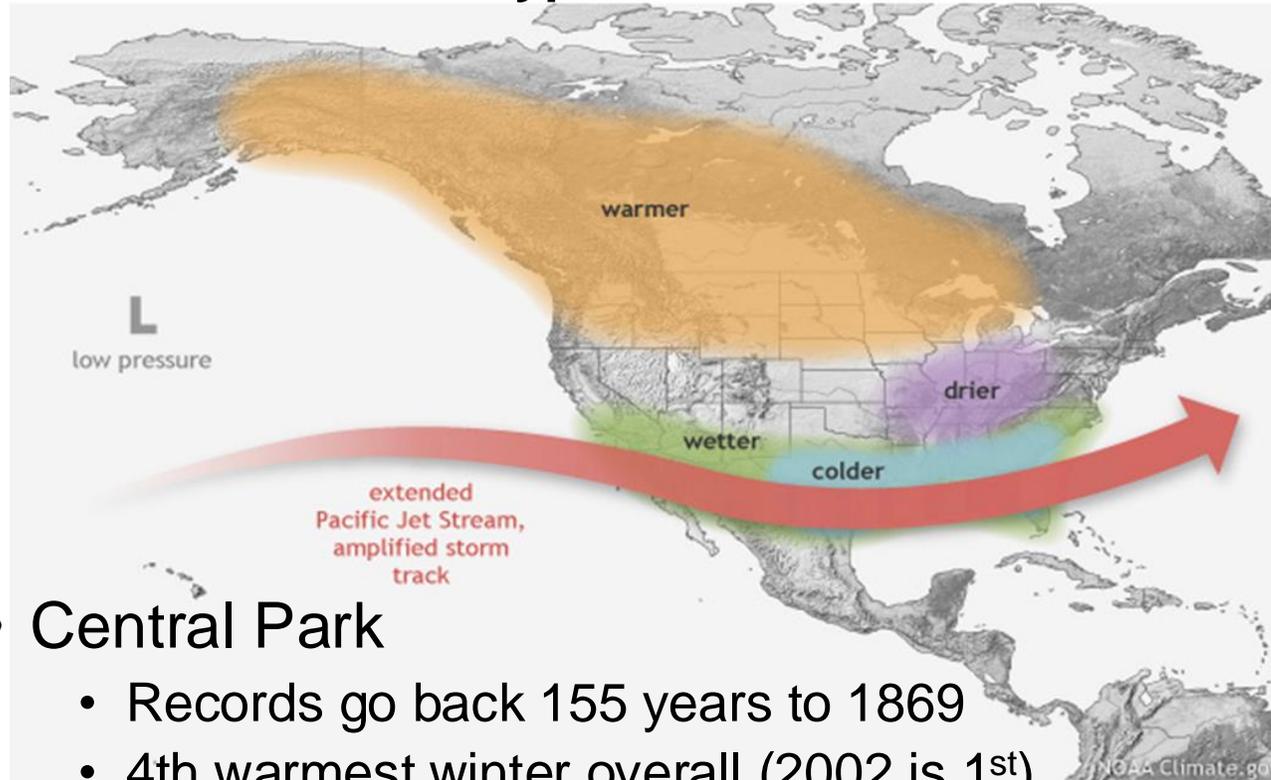
2023 Winter Recap 2024 Summer Outlook

Brian Cerruti
Meteorologist
System and Transmission Operation

El Nino pattern persisted for Winter 2024

WINTER EL NIÑO PATTERN

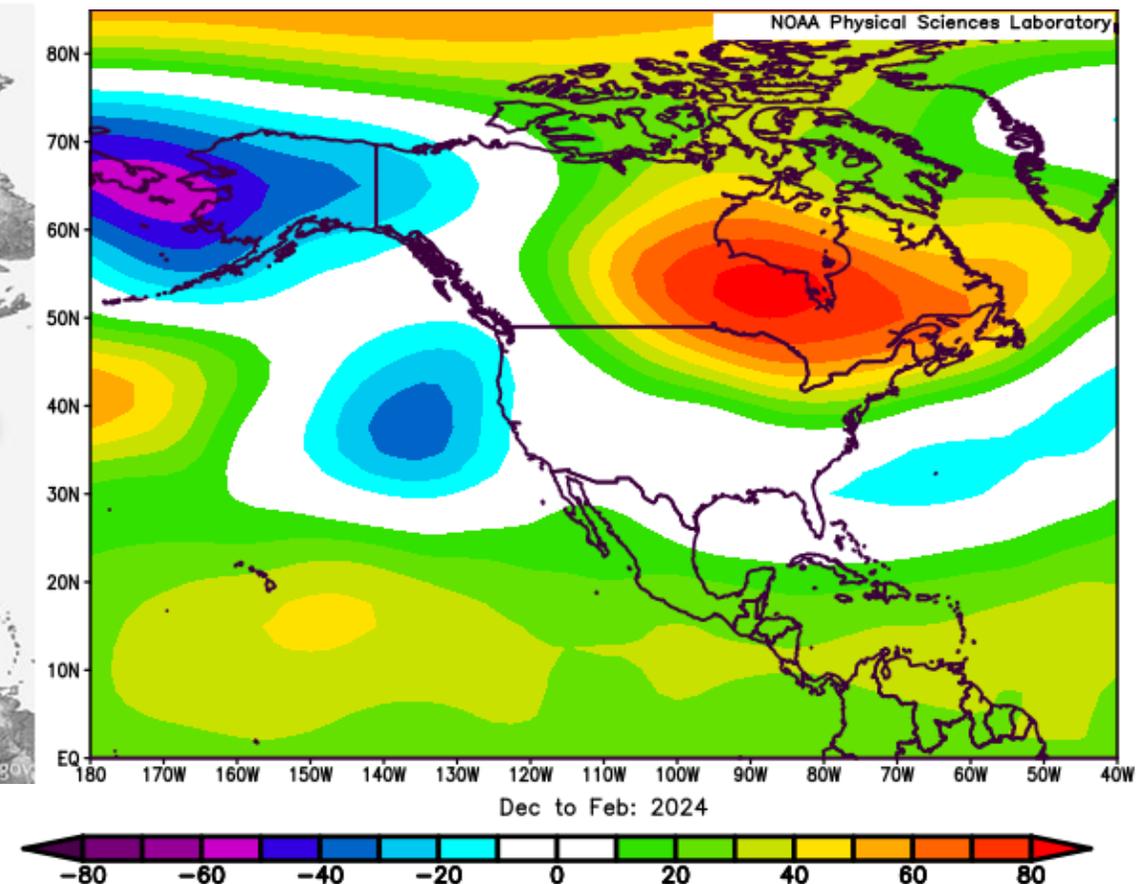
Typical El Nino



- Central Park

- Records go back 155 years to 1869
- 4th warmest winter overall (2002 is 1st)
- 20th least snowy winter (7.5")

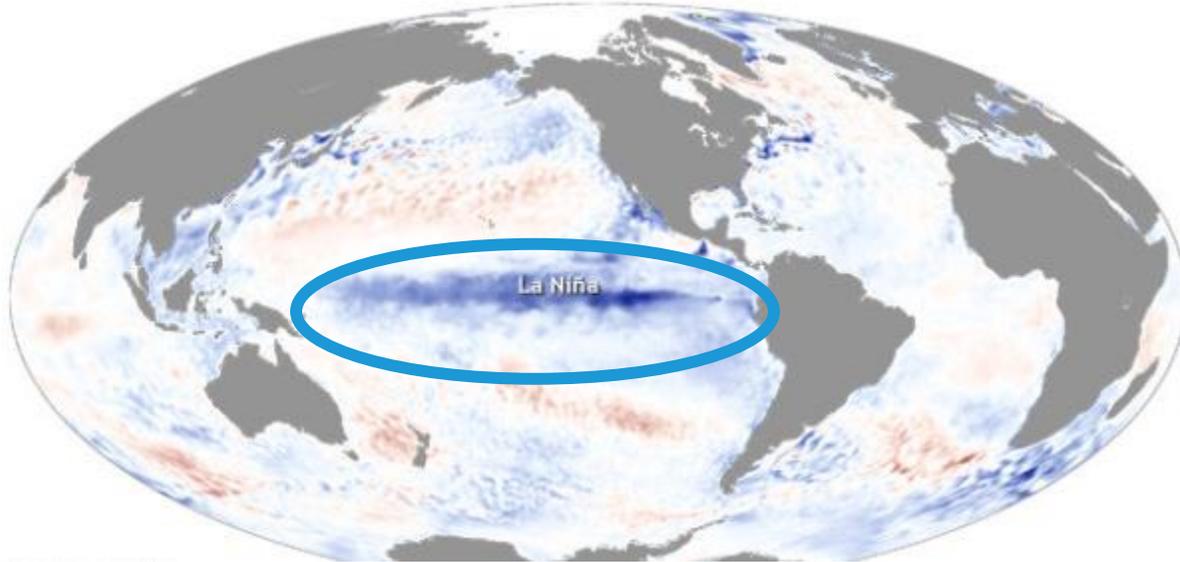
Winter 2023 Actual



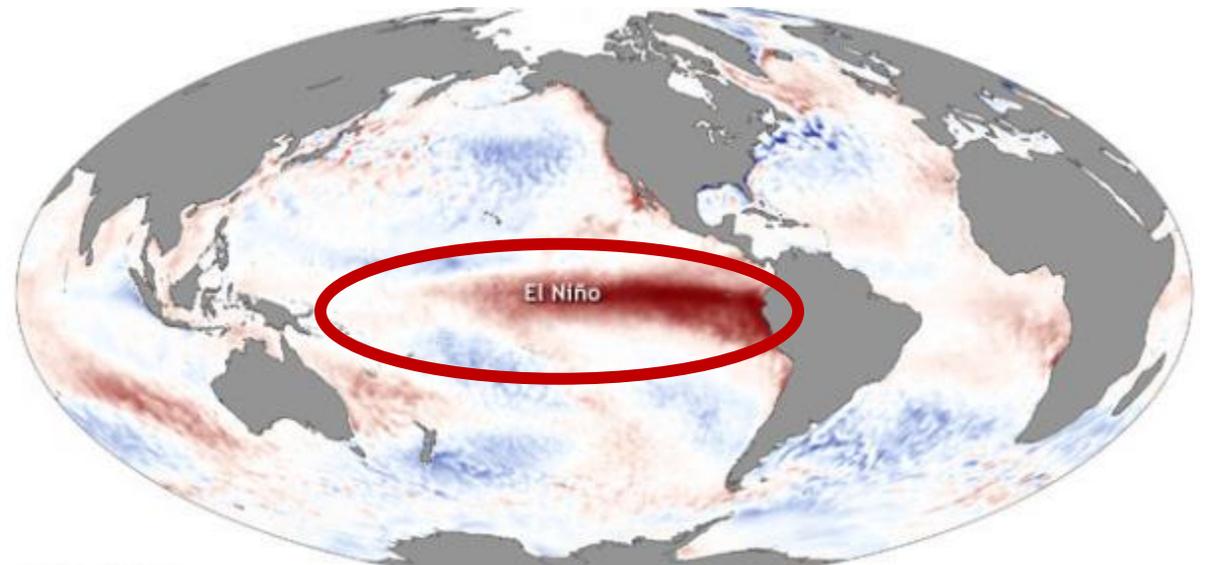
Seasonal Forecast Process

- Examine El Niño Southern Oscillation (ENSO)
 - Periodic fluctuation of sea surface temperatures (SST) in the Equatorial Pacific Ocean
 - Main driver of global weather patterns by steering strongest thunderstorms
 - Has global circulation patterns that tend to be more reliable for seasonal-scale forecasting

La Niña → Cold SST phase

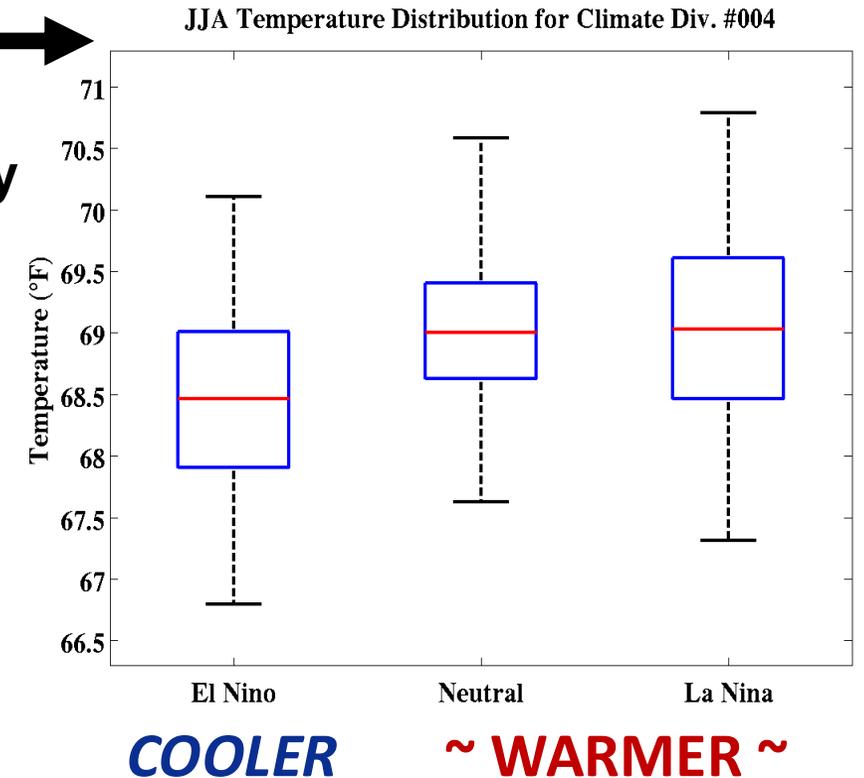


El Niño → Warm SST phase

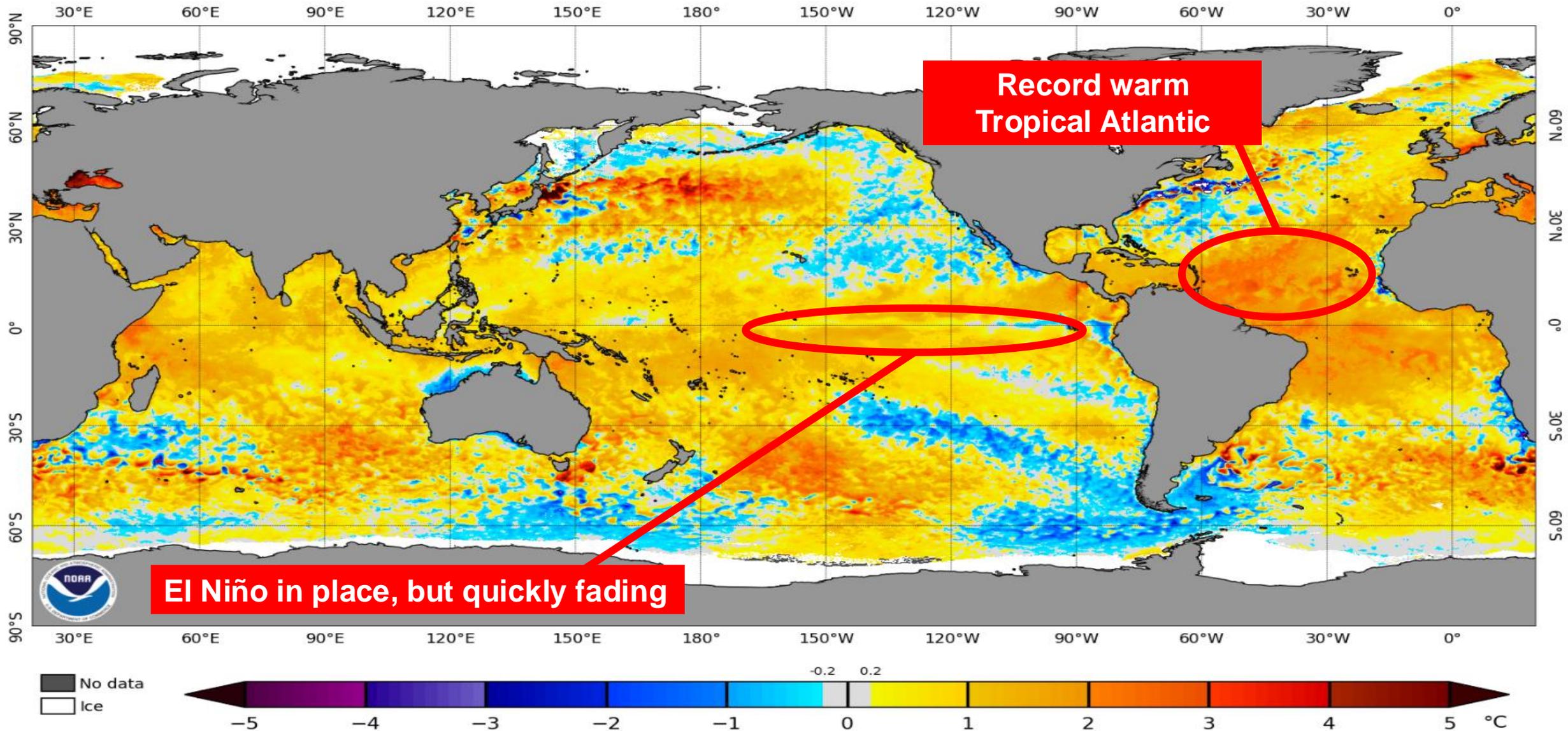


Summer Ingredients Summary

- El Nino Southern Oscillation (ENSO) 
 - La Nina expected to develop, possibly by Summer 2024
 - **Aggressive cooling observed in Pacific Ocean already**
- Other factors to consider:
 - Warmer than normal western and central Atlantic Ocean
 - Cooler than normal eastern Pacific Ocean
 - Soil Moisture
 - Analog years
 - Identify analog years that align with conditions outlined above
 - Determine correlations, if any



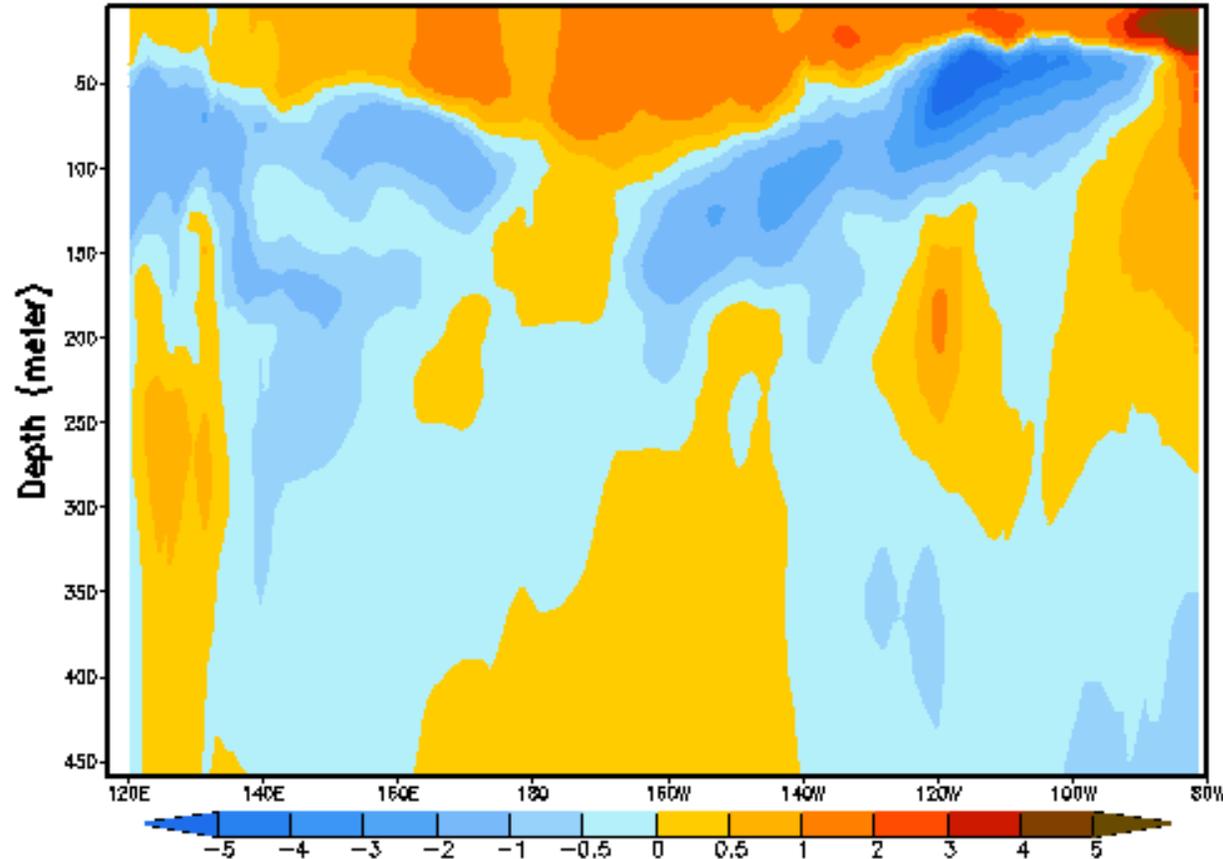
Global Sea Surface Temperature Anomalies



Equatorial Pacific Sea Temperature Anomalies - (February – April)

Equatorial Temperature Anomaly (°C)

Pentad centered on 17 FEB 2024

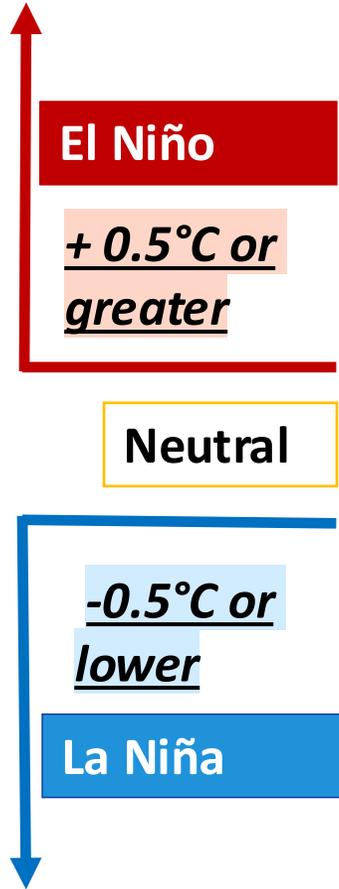


G'day, Mate!
(Australia)

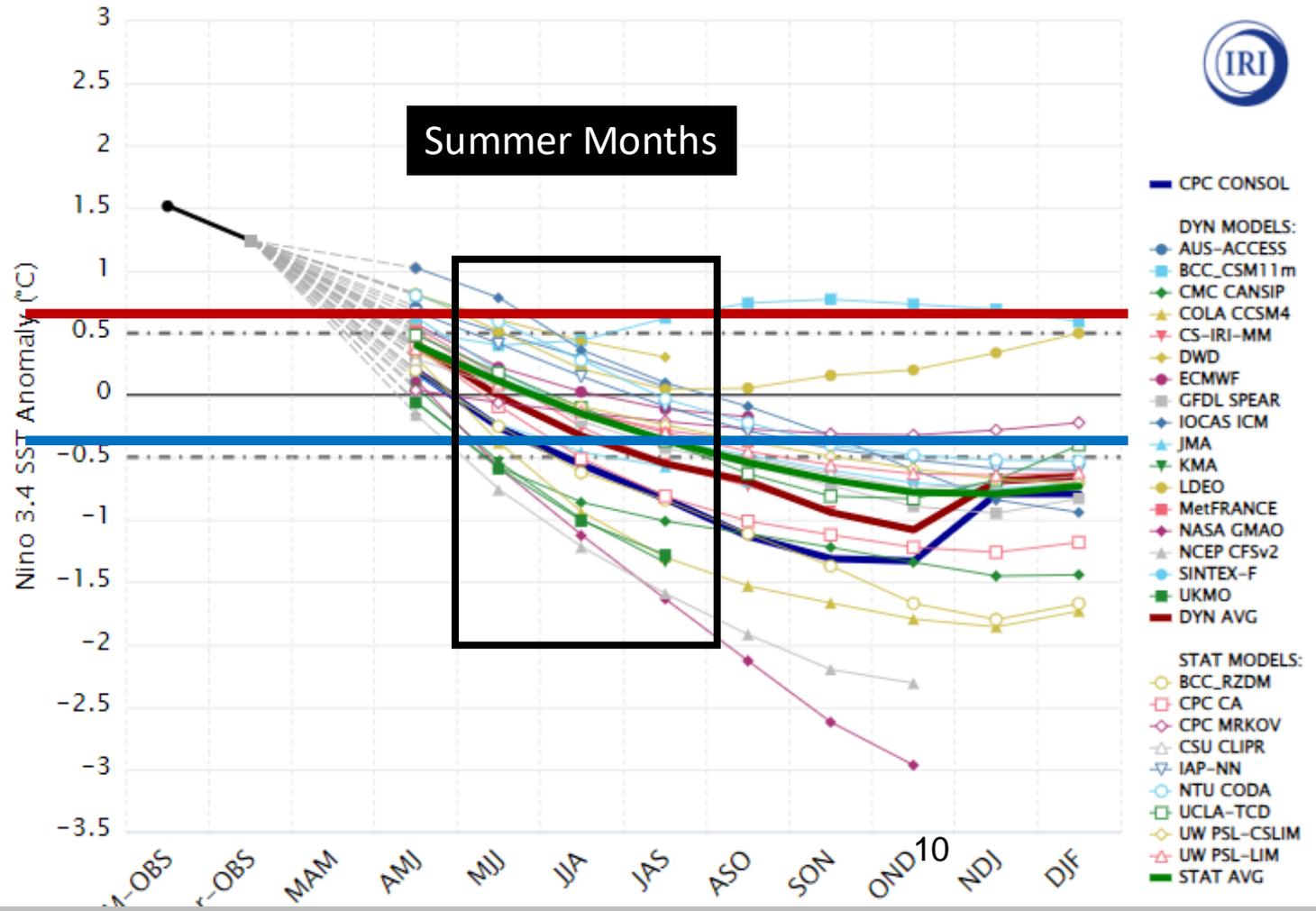
¡Hola!
(Peru)

ENSO Forecast

Model Predictions of ENSO



Model Predictions of ENSO from Apr 2024



Examining Analog Summer Seasons Central Park (KNYC)

Year	Avg. Max Temp (°F)	Total Rainfall	≥ 90F Days	Total Heatwaves
1998	81.4°	9.81"	8	0
2010	86.2°	8.94"	37	6
2016	83.8°	11.59"	22	2
<i>Normal</i>	82.9°	13.69"	17.4	2.3

Con Edison's Summer 2024 Outlook

- 2024 Summer forecast
 - Above normal temperatures
 - Near to below normal precipitation
- Confidence is currently **LOW** in the summer forecast

JUN – JUL - AUG	90°F Days	Average Temperature	Rainfall	Heat Waves
2021	17	75.94°F	24.03"	3
2022	25	76.75°F	9.18"	3
2023	25	74.68°F	13.52"	1*
Normal (1991-2020)	17.4	75.09°F	13.69"	2.3

* Only heat wave was 9/5 – 9/7

Historical Tropical Activity in Similar Years . . .

Historical Tropical Activity (Atlantic Basin)			
Year	Tropical Storms	Hurricanes	Major Hurricanes
1998	14	10	3
2010	19	12	5
2016	16	7	4
Normal 1991-2020			
	14.4	7.2	3.2



= below normal



= above normal

ENSO Effect on Tropics

- All years experienced transition from El Nino to La Nina
- **La Nina** causes decreased thunderstorm activity in the eastern Pacific
- Less thunderstorms leads to less wind aloft



Active Tropics this Summer

- La Niña favors ***above normal*** tropical activity in the Atlantic
- Favoring factors:
 - Record warm SST's in Tropical Atlantic
 - Lower wind shear in development regions
 - Increased storminess in Caribbean and Gulf of Mexico

Storm Class	Normal	Forecast
Tropical Storms	14.4	↑
Hurricanes	7.2	↑
Major Hurricanes	3.2	↑

Questions?

Brian Cerruti
cerrutib@coned.com

Summer Electric Bill Impact Projections

Main Drivers of Impacts

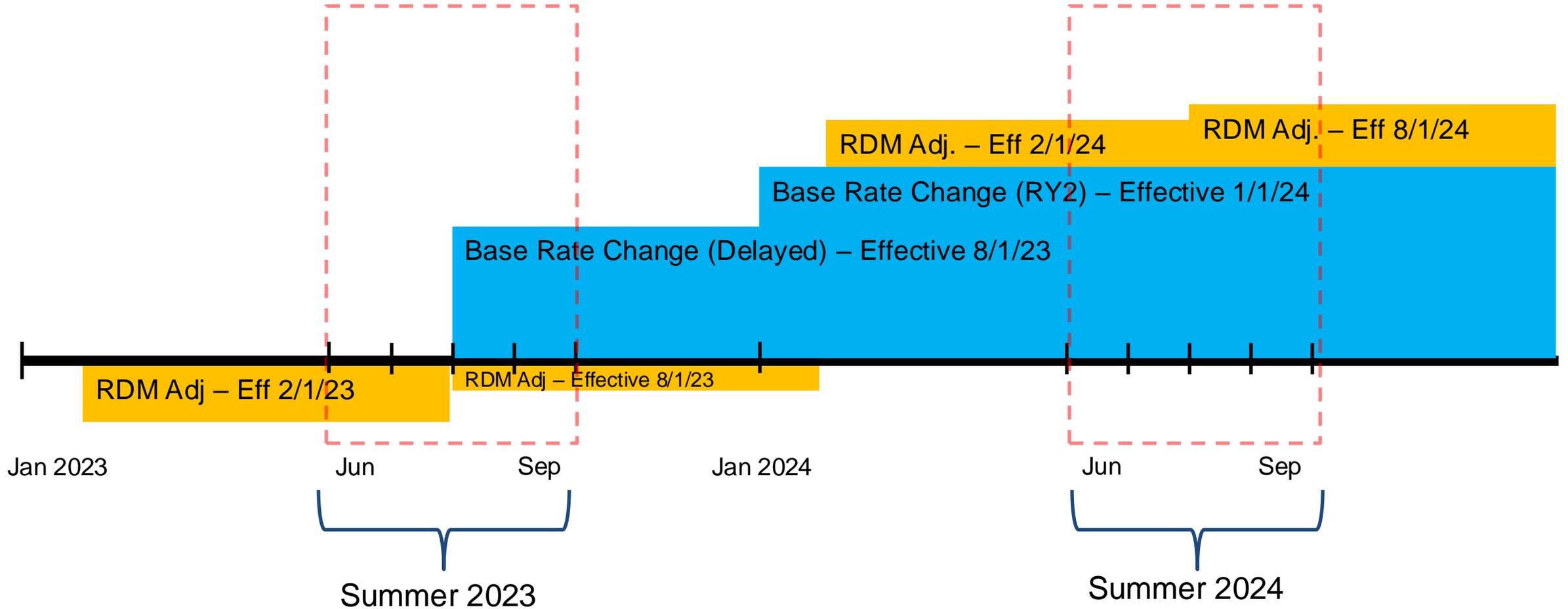
- Summer period includes the months of June through September
- Higher bills projected this summer mainly due to higher delivery costs.

Summer 2024 vs. Summer 2023

Class	Delivery and Other Costs	Supply Costs	Total Bill
Residential NYC (350 kWh)	 12.7%	 -1.7%	 11.0%
Residential Westchester (500 kWh)	 14.2%	 -2.2%	 12.0%

Summer Electric Bill Impact Projections

Background on Delivery Charges – NYC Residential Example*



* Not drawn to scale

Communication Strategy

Short Term Objectives

- Pre-summer awareness, sustained messaging and messages concerning delivery spikes for NYC and Westchester.
- The delivery rates will support critical investments in New York's transition away from fossil fuels, as part of Con Edison's Clean Energy Commitment.
- The delivery rates will also further improve reliability by helping meet the increased demand for electrification in our homes, businesses, and vehicles.
- Keeping customers in the loop about the improvements made to our system.
- Tips & Tools to Conserve Energy. Use less energy and save more money.
- Highlight programs that help customers save money or budget better (Smart Meter data, Time of Use, Budget Billing)
- Protections for low-income customers.

INTERNAL

Multi-Channel Communications

CON EDISON INVESTS \$2.3 BILLION TO STRENGTHEN GRID RELIABILITY FOR SUMMER, ADVANCE NEW YORK'S CLEAN ENERGY TRANSITION

Company Offers Tips and Tools to Conserve Energy and Save Money



NEW YORK – Con Edison has invested \$2.3 billion on infrastructure projects across New York City and Westchester County to keep service reliable during another hot summer and advance the region's transition from fossil fuels to renewables.

The projects include the installation of new substation equipment, 28 underground and 69 overhead transformers that regulate voltage,

938 sections of underground and overhead cable, and 241 poles. These components make the electric delivery system robust and keep Con Edison's service among the most reliable in the world, as the need for power increases.

Con Edison is building an electric delivery system capable of delivering reliable clean energy from solar arrays, wind turbines and other renewable resources to support New York State's climate goals. The company is investing in energy efficiency programs, new substations, transmission lines to carry renewable energy, incentives for electric vehicle chargers, and other measures to usher in a clean energy future.

"These critical infrastructure projects support New York's transition away from fossil fuels and improve the reliability of our grid by helping us meet the increased demand for power as buildings and vehicles become electrified," said Matthew Ketschke, the president of Con Edison. "Our investments provide value for every customer and ensure that our grid remains resilient and reliable in the face of extreme weather such as heat waves and storms, which are becoming more frequent and intense due to climate change."

2024 Summer Bill Outlook

New York City residential customers may see an 11% increase in summer bills due to higher delivery charges. For the same reason, Westchester residential customers may see a 12% increase. Weather conditions and individual usage will also affect billing.

Our Home Energy Analysis tool can help determine where you're using the most energy, give suggestions to improve your energy efficiency, and help you control energy costs. [Learn more.](#)



May 14 · 🌐

Get ready for Summer and beat the heat! To reduce heat and moisture in your home, run appliances like ovens, washing machines, stoves, and dishwashers during the early morning or late at night when it's cooler outside. Keeping your home comfortable and energy-efficient. <http://spr.ly/6180jhShe> #energyefficiencytips



conEdison



Get Ahead of Higher Summer Bills

It's hard to budget for rising energy costs. Here's information to help you get ready.

Savings for Your Home or Business

Residential customers could see their energy bills go up about 11% to 12% mainly because of **rising delivery rates**, compared to last June through September.

Small commercial customers could see their bills increase by about 7%, while large customers could see about 3% larger bills, mostly because of rising delivery rates, compared to last summer.

We understand higher bills are never welcome. We're focused on staying cost conscious and helping you find ways to save money and energy, as we build infrastructure for clean energy and maintain safe and reliable service.



5 Ways to Manage Rising Energy Bills

You're also likely to use more energy during the summer to cool off. But you can take some control.

- 1. Start simple.** Set your thermostat at 78° F when you're home and turn it off entirely if you go away. Each degree above 72° F can save you up to 3% on your cooling costs. [Get more tips.](#)
- 2. Spread payments out evenly across the year.** **Budget Billing** allows you to avoid large month-to-month changes in energy costs.



Residential Energy Efficiency Programs

Overview

- As part of our commitment to the clean energy transition, **Con Edison is helping customers move away from fossil fuel and towards a clean energy future.**
 - **Providing incentives to help customers go green, save money on their bills, and make their homes more comfortable year-round.**
- This presentation will share an overview of incentives offered in the residential programs and how you can participate.

Why Energy Efficiency Matters?

- Make your home more comfortable year-round
- Reduce energy waste and energy costs.
- Protects the environment and contribute to the fight against climate change
 - Lower your use of fossil fuels and reduce your carbon footprint
- Increase the resilience and reliability of the electric grid
- Improve community resilience and address energy equity in DAC
- In many cases, save money on your bills

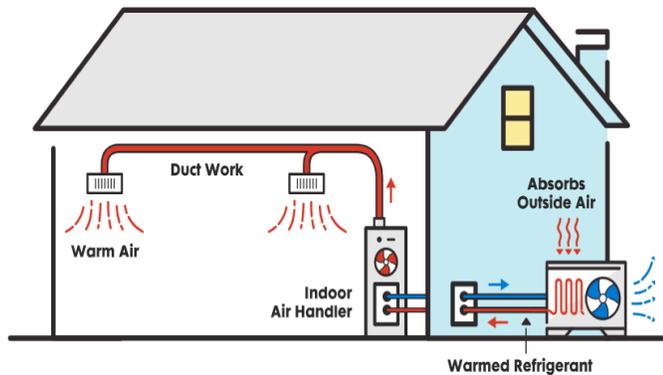
Agenda

- Clean Heat: conEd.com/airsource or coned.com/geothermal
- Weatherization: conEd.com/weatherReady
- Retail Products: conEd.com/ProductSavings
- Smart Thermostats: conEd.com/smartthermostat
- Smart Usage Rewards: conEd.com/smartusage
- SmartChargeNY: conEd.com/Smartcharge

Clean Heat

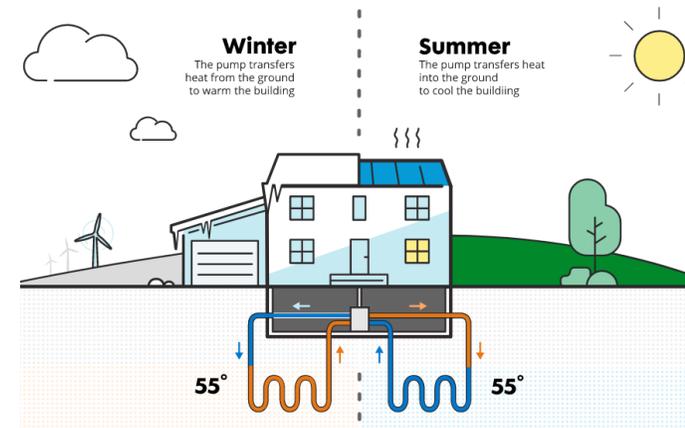
Air-Source Heat Pumps (aka Mini-splits)

- In summer, they move heat from inside your home to the outside like an air conditioner. In winter, they extract heat from outside to bring it into your home.
- Less expensive and easier to install than geothermal



Geothermal (aka Ground-Source Heat Pumps)

- Transfers heat stored in the earth into your home during the winter, and deposits heat in the ground in the summer.
- More expensive upfront than air-source heat pumps, but more efficient and will save you more money on your bills long term



Clean Heat: Air-Source Heat Pump Incentives

Option 1: Disable or remove your old heating system				
Home Type	Incentive (up to 50% of project costs)	Enhanced Incentive for Disadvantaged Communities* (up to 70% of project costs)	Enhanced Incentive for Soundview in the Bronx**	Available Tax Credits
Single-Family Homes	\$8,000	\$10,000	\$16,000	\$2,000
Apartments (per dwelling unit)	\$4,000	\$5,000	\$6,000	\$2,000

*Disadvantaged Communities are defined by the New York State Climate Justice Working Group. To see if you qualify, visit nyscrda.ny.gov/ny/Disadvantaged-Communities

** For a short time only, get an additional \$2,000 in incentives when you disable or remove your old heating system. To qualify, you must install your heat pump and submit all documentation on or before **May 31, 2024**.

Clean Heat: Air-Source Heat Pump Incentives

Option 2: Keep your old heating system and install integrated controls			
Home Type	Incentive (up to 50% of project cost)	Enhanced Incentive for Disadvantaged Communities* (up to 70% of project costs)	Available Tax Credits
Single-Family Homes	\$2,500	\$4,500	\$2,000
Apartments (per dwelling unit)	\$1,000	\$2,000	\$2,000

*Disadvantaged Communities are defined by the New York State Climate Justice Working Group. To see if you qualify, visit nysed.gov/ny/Disadvantaged-Communities

Clean Heat: Geothermal Incentives

All Projects: Disable or remove your heating system			
Home Type	Incentive (up to 50% of project costs)	Enhanced Incentive for Disadvantaged Communities* (up to 70% of project costs)	Available Tax Credits
Single-Family and 2- to 4-Family Homes	\$25,000	\$35,000	Federal: 30% of installation cost NY State: 25% of installation cost up to \$5,000

*Disadvantaged Communities are defined by the New York State Climate Justice Working Group. To see if you qualify, visit nyscrda.ny.gov/ny/Disadvantaged-Communities

** For a short time only, get an additional \$10,000 in incentives when you disable or remove your old heating system. To qualify, you must apply on or before May 31, 2024 and install your heat pump on or before December 31, 2024.

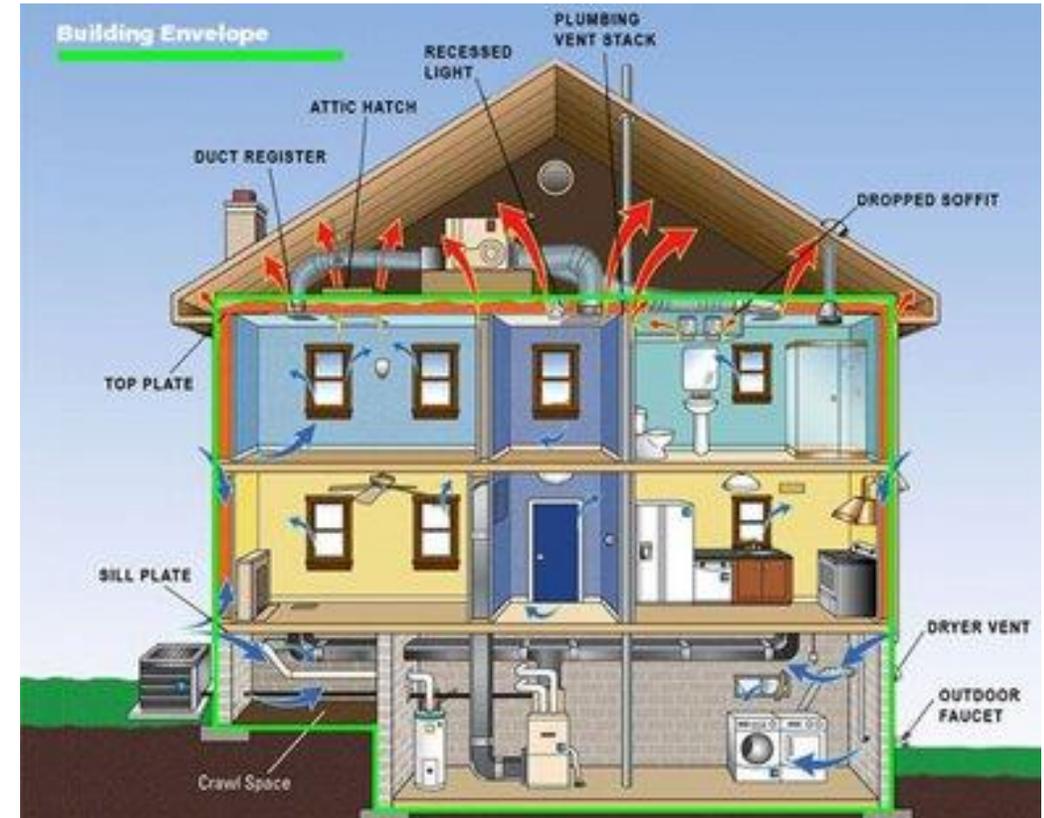
Clean Heat

How it works:

- Choose a participating contractor from our list: conEd.com/airsource or conEd.com/geothermal
 - If there's another contractor you'd prefer to work with, they can register at [Become a Participating Contractor | Con Edison](#)
- The contractor will visit your home and recommend which equipment is best for your home. They'll also tell you how much it will cost after Con Edison's contribution.
- The contractor performs the work and subtracts the incentives from your final invoice. No waiting around for rebates!

Home Insulation & Air Sealing (Weather Ready Program)

- Maximize your homes efficiency and comfort by:
 - Upgrading insulation
 - Air sealing cracks to prevent loss of conditioned air to the exterior
- Save energy and money year-round
- Con Ed will cover a portion of the project cost



Eligible Customers

- Renters or homeowners of single-family homes or small multifamily buildings (2-4 apartments) who:
 - Use Con Edison gas for heating
 - Use Con Edison electricity for heating (including electric resistance heating, geothermal, or air source heat pumps)
 - Use a delivered fuel (like oil, propane, or wood) for heating and Con Edison electric for cooling

Required Home Upgrades

Air Leakage Sealing

Top Plates



Knee Walls



Insulation

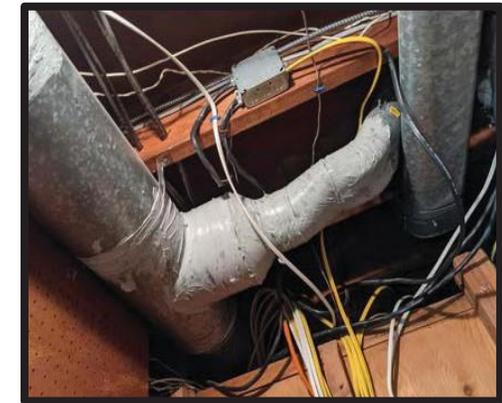
Attic: Blown-in



Attic: Spray Foam



Duct Leakage Sealing (Optional)



Weather Ready Incentives If You Have Gas, Oil, or Electric Resistance Heat

Home Type	Incentive	Enhanced Incentive for Disadvantaged Communities*	Available Tax Credits
Single-family building	\$2,000	\$2,500	\$1,200
Two-family building	\$2,500	\$3,000	\$1,200
Three-family building	\$3,000	\$3,500	\$1,200
Four-family building	\$3,500	\$4,000	\$1,200

*Disadvantaged Communities are defined by the New York State Climate Justice Working Group. To see if you qualify, visit nyscrda.ny.gov/ny/Disadvantaged-Communities

Weather Ready Incentives If You Have Geothermal or Air-Source Heat Pumps

Home Type	Incentive	Enhanced Incentive for Disadvantaged Communities*	Available Tax Credits
Single-family building	\$1,000	\$1,250	\$1,200
Two-family building	\$1,250	\$1,500	\$1,200
Three-family building	\$1,500	\$1,750	\$1,200
Four-family building	\$1,750	\$2,000	\$1,200

*Disadvantaged Communities are defined by the New York State Climate Justice Working Group. To see if you qualify, visit nyscrda.ny.gov/ny/Disadvantaged-Communities

Home Insulation & Air Sealing (Weather Ready Program)

How it works:

- Choose a contractor from our list at conEd.com/weatherReady
 - If there's another contractor you'd prefer to work with, they can register <https://coned-cpa.customerapplication.com/>
- The contractor will visit your home and recommend energy-saving upgrades. They'll also tell you how much it will cost after Con Edison's contribution.
- The contractor performs the work and subtracts the rebate amount from your final invoice.

Retail Products Program

- Get up to \$100 off energy efficient products through participating retailers just for being a Con Edison customer
- Offered in retailers within the Con Edison Service Territory [Find a Retailer Near You](#)
 - Home Depot
 - Lowes
 - Dollar Tree
- Look for the Con Edison Instant Discount sticker at a participating retailer to save when you check out—no coupon needed!



Retail Products Program – Current List of Eligible Products

Measure Name	Incentive/Unit	Customer Purchase Limit (Per Year)
Batt Insulation	\$15	6
Pipe Wrap	\$2	10
Door Sweeps	\$4	2
Spray Foam	\$2	10
Windows	\$100	10
Window Shrink Kit	\$4	10
Liquid Caulk	\$2	10
Weatherstripping	\$2	10
A/C Covers	\$5	5



Smart Thermostats

- Save **\$85+** with your smart thermostat coned.com/smarthermostat
- When enrolled, you are allowing ConEd to make a brief, limited adjustments to your thermostat settings when demand is high to reduce strain on the energy grid
 - You are always in control and can override the settings at any time
 - Summer adjustment period for participants last no longer than 4 hours and OCCURS between 11 AM and 11 PM on weekdays

Smart Usage Rewards

- Get rewarded for reducing your energy use on select summer days when energy use is at its highest

How it works

- Find a smart usage partner conEd.com/smart-usage-rewards-form
- Your Smart Usage Partner lets you know in advance when we anticipate an “event”
- During an event, earn by reducing your energy use
 - Turn on your AC or thermostat to a warmer but comfortable temperature
- Rewards vary depending on which Smart Usage Partner you work with and are awarded based on how much energy you reduce. The more events you participate in, the more rewards you’ll earn

Drive Clean!

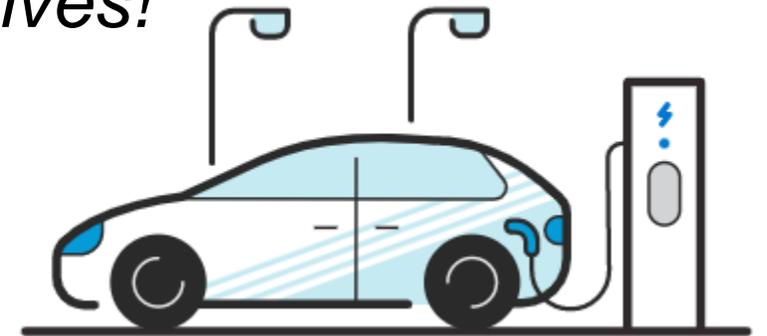


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Earn Green!

SmartCharge New York Program

Enroll, Charge, and Get Incentives!



SmartCharge New York Program Overview

Con Edison's Managed Charging Program

Offers cash incentives to EV drivers for charging their EVs at off-peak times, which reduces stress on the energy grid.

Eligibility

- Utilize home charger or publicly accessible chargers.
- Own or lease an EV and charge in the Con Edison service area.
- Must either have telematics or connected charger to participate.
- Must be on a standard rate (not Time-of-Use rate) to earn incentives.



Con Edison will pay you for charging between 12AM- 8AM, every day, year-round in the Con Edison service area (NYC and Westchester)

Off-Peak Charging incentive:

- **\$0.10 per kWh incentive** for off-peak charging, all days, year-round, between 12 – 8 AM

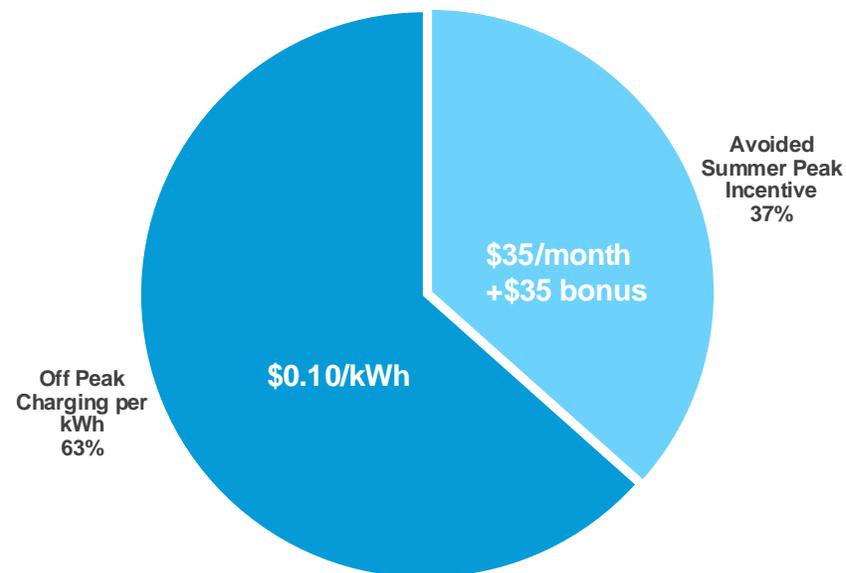
Incentive comes in the form of the cash incentive, not a bill credit

Summer Peak Avoidance Incentive

- **\$35 per month Avoided Summer Peak Incentive:** Earned per vehicle or charging station for avoiding charging weekdays 2 – 6 PM (June – September)
- **\$35 Avoided Summer Peak Bonus Incentive:** Earn an additional \$35 for avoiding peak charging during entire summer

Total potential avoided summer avoidance incentive \$175

New SmartCharge Incentive Structure



Average Annual Earnings*:
\$475 per vehicle/charger annually

**Assumes 10,000 electric miles driven*

Thank you!

- Clean Heat: conEd.com/airsource or coned.com/geothermal
- Weatherization: conEd.com/weatherReady
- Retail Products: conEd.com/ProductSavings
- Smart Thermostats: conEd.com/smartthermostat
- Smart Usage Rewards: conEd.com/smartusage

For questions, please contact the Residential Program Team at:
homerebates@coned.com





Outreach Emergency Response

Outreach Response



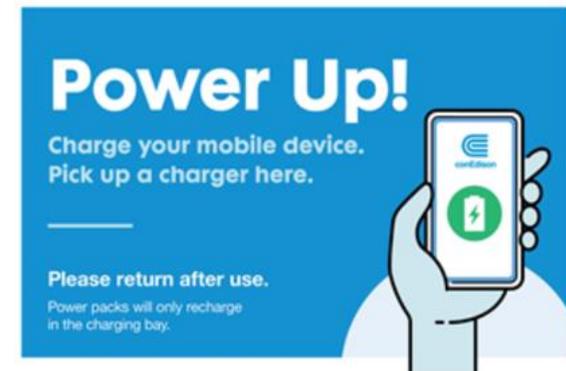
- Pre-storm emails
- Incident Command System (ICS)
- Customer Information Center (CIC)
- Dry Ice Coordination
- Dry Ice Drive-through and Walk-through



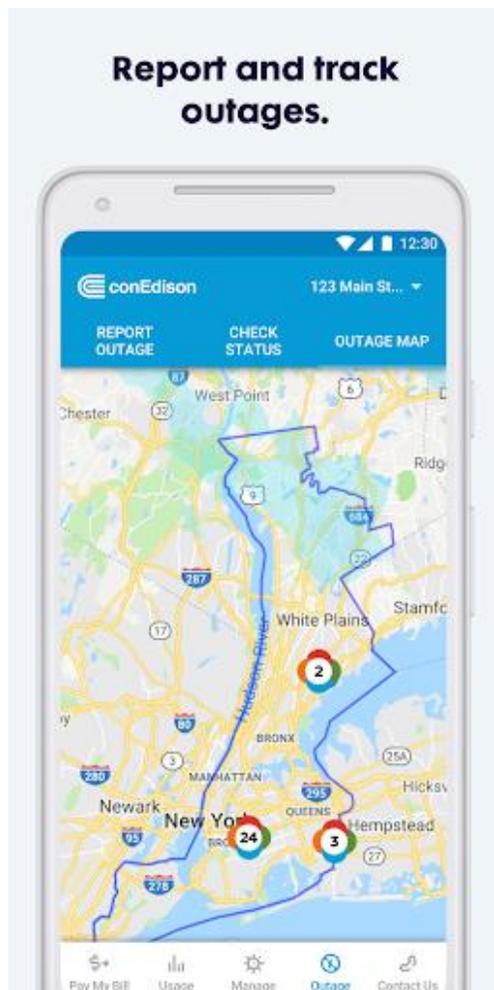
Customer Information Center (CIC)



- Address customer concerns throughout the event
- Provide information about the outage and restoration effort
- Provide real time information
- Portable cell phone chargers



Additional Outage Information



ConEd Alert: Thanks for reporting your outage at **<address>**. We're evaluating damage & working to restore power ASAP. We'll send updates as info becomes available. Stay away from downed wires. Always assume they are live. Learn more at coned.com/out. Reply HELP for help. Reply STOP to opt out of all future outage msgs

ConEd Alert: Our crews continue to work on the outage at **<address>**. We expect that power in your area will be restored by **<lastprovidedETR>**. We apologize for the inconvenience and appreciate your patience. Reply HELP for help. Reply STOP to opt out of all future outage msgs

- conEd.com/ReportMyOutage
- conEd.com/OutageMap
- Text Notification
- Con Edison App
- 1(800)752-6633





NYCEM

New York City Emergency Management

WHO WE ARE & WHAT WE DO



NYC Emergency Management helps New Yorkers before, during, and after emergencies through preparedness, education, and response.

Extreme Heat Can Be Deadly!



Extreme heat is one of the most significant hazards facing New York City, and New Yorkers are especially vulnerable to extreme heat-related hazards during the summer months.

Extreme heat means temperatures that hover 10 degrees or more above the average high temperature, last for prolonged periods of time, and are accompanied by high humidity.

Most Vulnerable Populations

- Do not have or do not use air conditioning
- Are age 65 or older
- Have chronic medical or mental health conditions
- Are overweight
- Consume alcohol or illegal drugs
- Have trouble with being mobile, or are unable to leave their homes
- Take certain medications, which can disrupt the regulation of body temperature

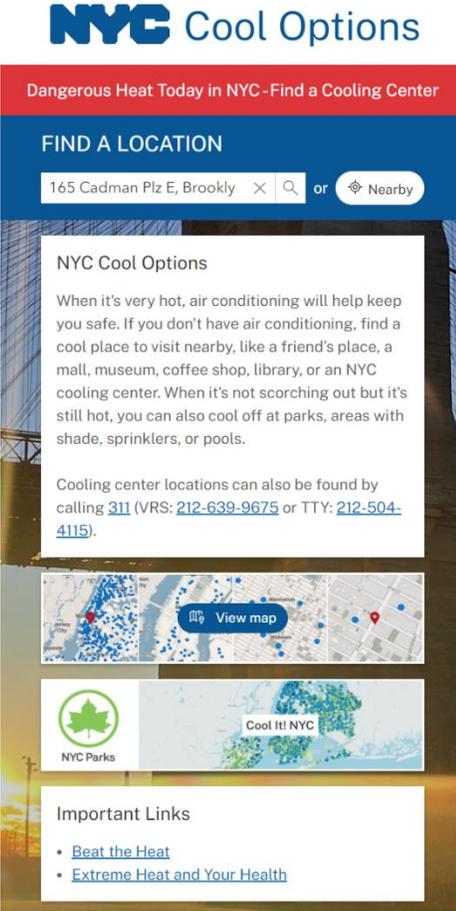


“WHAT IS NYC DOING TO BEAT THE HEAT?”

- **24/7 Cool Options Map:** The newly revamped “Cool Option Map” is available around the clock and allows New Yorkers to easily locate cooling centers, as well as find updated language on ‘cool options,’ including libraries, malls, and museums that offer air-conditioned spaces to escape the heat.
- **Increased Cooling Center Partners:** NYCEM has expanded its partnerships to offer a wider range of cooling centers throughout the city, ensuring more options for residents during heat emergencies, including new cultural sites, and elected officials’ offices.
- **Pet-Friendly Cooling Centers:** Through a partnership with PetCo, the city will provide numerous pet-friendly cooling centers for New Yorkers.
- **Cool Kits for Vulnerable Populations:** NYCEM will pilot a program to distribute ‘cool kits’ that contain essential heat safety items to delivery drivers, outdoor workers, and other at-risk groups.
- **Indoor Thermometer Distribution:** NYCEM — through its ‘Strengthening Communities’ grassroots partnership program — will pilot a program to distribute indoor thermometers to older adults, helping them monitor their home temperatures and stay safe.
- **Heat Preparedness Messaging:** The city is working with food partners like City Meals on Wheels to distribute heat safety information to vulnerable populations.

During Heat Emergencies

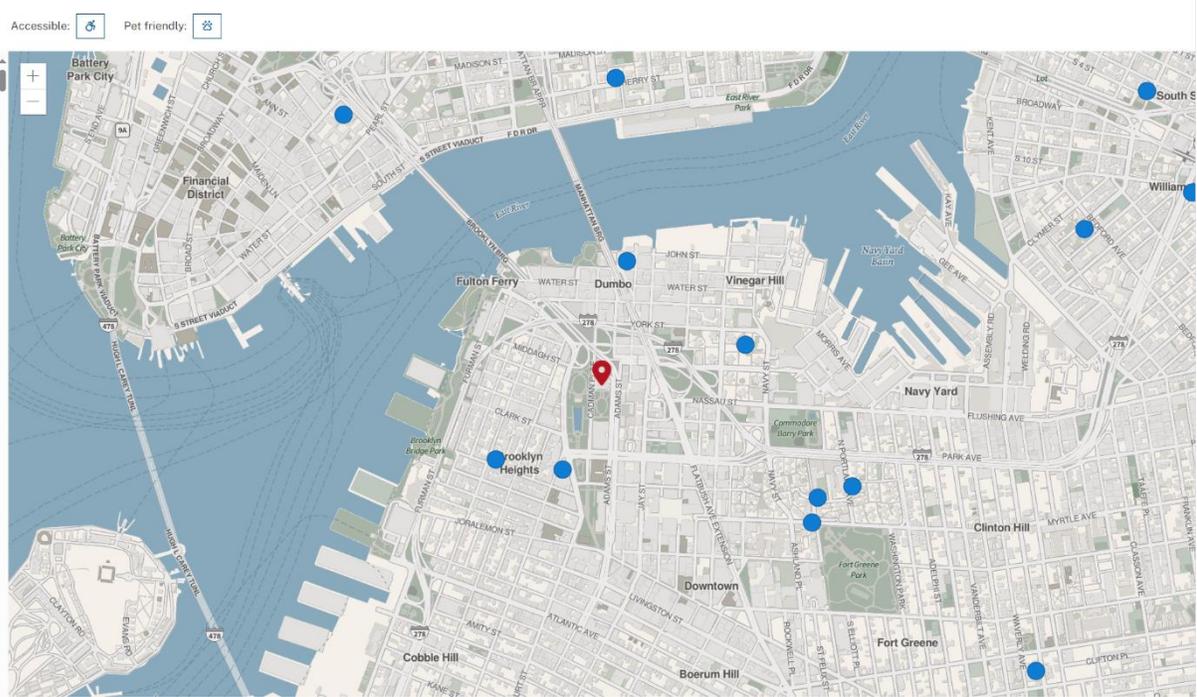
- You can find locations designated by the City as cooling centers in the five boroughs by calling 311 (212-639-9675 for Video Relay Services, or TTY: 212-504-4115) or visiting NYC.gov/beattheheat.



Facility type: Any facility type Business hours: Open now Accessible: Pet friendly:

Please call ahead before visiting. Hours and policies vary by location.

- Brooklyn Heights Library** ♿ Library • 0.25 mi
286 Cadman Plaza West
Open • Closes 8:00 PM • (718) 623-7100
- CCNS St. Charles OAC** ♿ Older Adult Center • 0.36 mi
55 Pierrepont St
Closed • Opens 8:00 AM Wed • (718) 855-0326
- Adams Street Library** ♿ Library • 0.37 mi
9 Adams Street
Open • Closes 8:00 PM • (718) 230-2264
- RAICES Farragut OAC-OLDER ADULTS ONLY** Older Adult Center • 0.42 mi
228 York St
Open • Closes 5:00 PM • (718) 422-1069
- Walt Whitman Library** Library • 0.68 mi
93 St Edwards St
Open • Closes 8:00 PM • (718) 935-0244



All of the options in your immediate area!

Website screen shot to find a cooling center

During Heat Emergencies

- During Heat Emergencies, you can also utilize NYC Parks “Cool it! NYC” tool to find sprinklers, pools, and shade in your area!

Water Features

During the summer, we offer the chance to cool off at beaches, pools, and spray showers. Visit our [Beaches](#) and [Outdoor Pools](#) pages to find swimming hours. We also turn on the sprinklers at hundreds of playgrounds across the city! In general, we turn on spray showers on days when the temperature reaches 80 degrees or higher.

Drinking Fountains

Each year, we turn on thousands of drinking fountains across the city, including more than 950 in areas of high need. Many of our drinking fountains are accessible, and some are designed for bottle refill--and we even have drinking fountains for your pet! Use our map to find the perfect drinking fountain in your area.

Tree Cover

To help you find New York’s most shaded areas, we’ve highlighted parks with particularly thick tree coverage, and we’re also featuring our city’s leafiest blocks. Use our map to change up your commute to find a cooler route!

Water Features

- Spray Shower**
Sprinklers and other kid-friendly water features for hot weather fun.
- Drinking Fountains**
Places to get a sip of water or refill your water bottle.
- Outdoor Pools**
Places to go for a swim and refresh during the summer.

Shade Trees

- Leafiest Blocks**
Visit these tree-friendly streets to enjoy the most shade on your next walk.
- Tree Canopy**
For cool rest and relaxation, head to these areas in NYC Parks with the most tree cover.

High Heat Vulnerability Index Areas

- Heat Vulnerability Index 4**
Community Boards with the second-highest risk of heat injury or death.
- Heat Vulnerability Index 5**
Community Boards with the highest risk of heat injury or death.

Map interface includes a search bar, zoom controls (+/-), and a legend with the following items:
 Spray Showers
 Drinking Fountains
 Outdoor Pools
 Leafiest Blocks
 Park Tree Canopy
 Heat Vulnerability
[Reset to defaults](#)

National Weather Heat Alerts



Heat Advisory Issued up to 48 hours in advance when there is 80% forecast confidence of the onset of either of the following conditions:

Excessive Heat Watch Issued up to 48 hours in advance when there is 50% forecast confidence of a heat index of 105°F or greater for at least two consecutive hours.

Excessive Heat Warning Issued up to 48 hours in advance when there is 80% forecast confidence of a heat index of 105°F or greater for at least two consecutive hours.

Know the warning signs:

If you (or someone you know) feels weak or faint, go to a cool place and drink water. If there is no improvement, call a doctor or 911.

The infographic is split into two columns: Heat Exhaustion (orange background) and Heat Stroke (red background). In the center is a stylized human figure, half orange and half red, with icons for a water bottle, a question mark, and a sweat drop. Below the figure are logos for NOAA, CDC, NIOSH, and NIHHS.

Heat Exhaustion	Heat Stroke
ACT FAST <ul style="list-style-type: none">• Move to a cooler area• Loosen clothing• Sip cool water• Seek medical help if symptoms don't improve	ACT FAST CALL 911 <ul style="list-style-type: none">• Move person to a cooler area• Loosen clothing and remove extra layers• Cool with water or ice
<i>Dizziness</i> <i>Thirst</i> <i>Heavy Sweating</i> <i>Nausea</i> <i>Weakness</i>	<i>Confusion</i> <i>Dizziness</i> <i>Becomes Unconscious</i>
<i>Heat exhaustion can lead to heat stroke.</i>	<i>Heat stroke can cause death or permanent disability if emergency treatment is not given.</i>

Stay Cool, Stay Hydrated, Stay Informed!

Heat Safety Tips

Stay cool by:



DOs

- Conducting strenuous outdoor activities between 4am - 7am as it is the coolest part of the day.
- Cool down with a cool bath or shower.
- Drinking fluids—particularly water—even if you do not feel thirsty.
- Wearing lightweight, light-colored clothing.
- Covering all exposed skin with an SPF sunscreen (15 or above).



DON'Ts

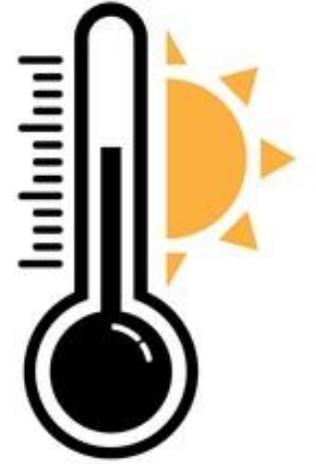
Avoid doing the following:

- Prolonged outdoor activities during the sun's peak hours, which are 11am - 4pm.
- Beverages containing alcohol and/or caffeine.
- Never leave your children or pets in the car.

Indoor Safety Tips

When the Indoor Temperature in Your Home is in the 80° Fahrenheit

- Close your shades or curtains to keep the sun from heating your home more during the day.
- Limit use of the stove and oven—it will make you and your home hotter.
- Taking a cool (but not freezing) shower or bath can help cool you down.



When the Indoor Temperature in Your Home is in the 90° Fahrenheit

- It is not a safe temperature in your home. Turn on your AC or seek out an air-conditioned space nearby.
- Examples include visiting the air-conditioned home of family or friends, an indoor shopping center, your favorite museum, your local coffee shop, or your local library.

Indoor Safety Tips

If you do not have air conditioning at home:

- Open windows and use a fan to bring in cooler outdoor air. This may be most useful at night, when temperatures go down.
- Find a cool option nearby that has air conditioning. This could be a friend's place, a mall, museum, coffee shop, or a library.

If you have air conditioning at home:

- Set your AC on low cool or 78F to provide a comfortable, safe environment and help save on electricity bills.
- Close your shades or curtains to keep the sun from heating your home more during the day.

If you or someone in your home uses an electric medical device that is important for health, make a plan in case of a power outage:

- Register the device with your utility company in case of a power outage.
- Make sure you have back-up batteries on hand, and extra equipment like oxygen tanks, if you need them.
- Sign up for Notify NYC to receive free emergency alerts when extreme heat and other emergencies happen.
- New Yorkers can sign up at [NYC.gov/NotifyNYC](https://nyc.gov/NotifyNYC) or by calling 311.



Home Energy Assistance Program (HEAP)

- If you don't have an air conditioner, you can apply for a free air conditioner through the Home Energy Assistance Program (HEAP).
- How to Apply?
 - Call 311
 - Video Relay Services at 212-639-9675 or TTY: 212-504-4115
 - Visiting the website:
<https://on.nyc.gov/HEAPCooling>.



Notify NYC

A free opt-in notification service that allows New Yorkers to receive information about emergency situations and planned events throughout the City.

Notify NYC offers messaging in 13 languages.

Notification Types

- **Emergency Alerts**
- **Significant Events**
- **Public Health**
- **Planned Events**
- **Major Traffic Disruptions**
- **Basement Alerts***
- **Public Beach Notifications**
- **Local Mass Transit Disruptions**
- **Weather Updates**
- **Regional Mass Transit *Disruptions**
- **Ferry Disruptions**
- **Police Advisories***

Keep An Eye On The Most Vulnerable

- Pay special attention to the elderly, the very young, and anyone with a pre-existing medical condition.
- Air conditioning is the best way to keep cool when it is hot outside. Setting air conditioning to 78° F can help them stay safe, comfortable and save money on utility bills. If they cannot stay cool at home, help them get to an air-conditioned place.



Keep Pets Safe



- **Exercise early and late:** don't let your dog linger on hot asphalt. Your pet's body can heat up quickly, and sensitive paw pads can burn.
- **Know when your pet is in danger:** Symptoms of overheating in pets include excessive panting or difficulty breathing, increased heart and respiratory rate, drooling, mild weakness, stupor, or even collapse.
- **Keep cats safe by installing screens in your windows :** Unscreened windows pose a real danger to cats, who fall out of them often during summer months.

THANK YOU!

CONTACT US:
Ready@oem.nyc.gov

FOLLOW US:
NYCEmergencyManagement



Join our NYCEM Community Prep
Newsletter!

When you sign up for our mailing list, you'll receive emergency preparedness information for your community. You'll also read about various free City resources and emergency preparedness related training opportunities.

* Email

First Name

Last Name

Organization/Agency

Sign Up

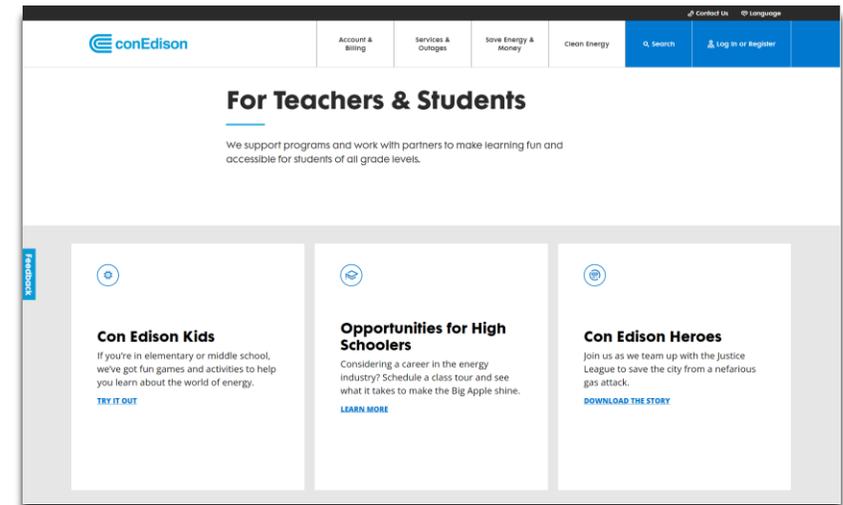
By submitting this form, you are consenting to receive marketing emails from: NYC Emergency Management Communications Network, 165 Cadman Plaza East, Brooklyn, NY 11201, US, <http://www.nyc.gov/emergencymanagement>
You can revoke your consent to receive emails at any time by using the SafeUnsubscribe@ link, found at the bottom of every email.
[Emails are serviced by Constant Contact](#)



Schoolchildren Education Program Updates

Schoolchildren Education Platform

- Scholastic
 - Educational Powerhouse
 - Specialized in Grades K – 8th
 - Traditional Learning Methods
- conEd.com/Kids
 - Expands the Audience
 - Additional Resources & Learning Methods
 - Easier Navigation



2024 Updates

- conEd.com/Kids
 - Educator Feedback
 - Expanding the Audience
 - Student Enrichment Day
 - Educator Specific Outreach Events
 - Innovative Learning Methods
 - 8 Cartoon Videos
 - Corresponding Questionnaires
 - Interactive Videos
 - Interactive Lesson Plans



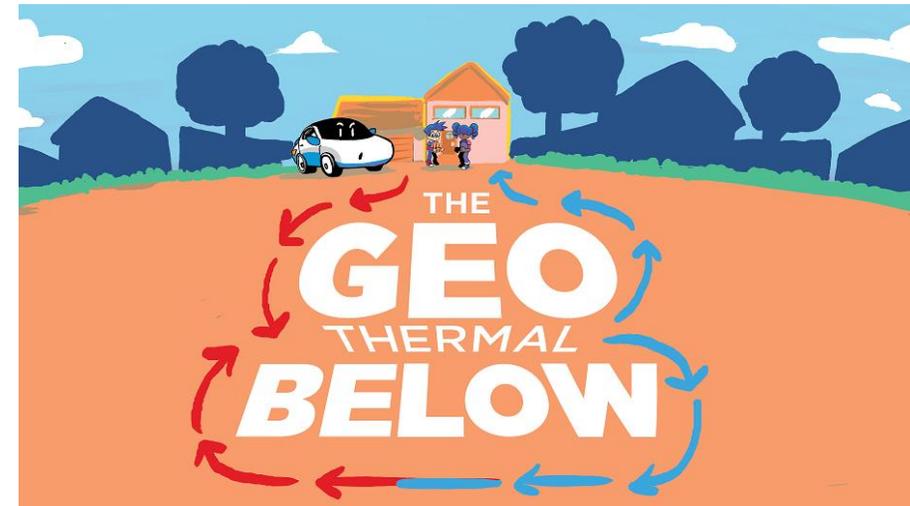
2024 Updates

- Cartoon Characters
 - Heroes
 - Dany & Ricky
 - Elie (Short for Electric)
 - Villains
 - Smog Monster
 - Spark & Static
 - Count Ampula
 - Blackout
 - Mr. Chill



2024 Updates

- 8 Cartoon Topics
 - Energy Safety
 - Electric Safety
 - Gas Safety
 - Storm/Outage Safety
 - Outage Preparation
 - Energy Conservation
 - Electric Vehicles
 - Customer Energy Efficiency
 - Geothermal
 - Vampire Voltage





Next Steps

- Interactive Videos
 - Ability to Choose Different Paths
 - Corresponding Questionnaires
- Event Specific Lesson Plans
 - Earth Day (April)
 - World Environment Day (June)
 - Zero Emissions Day (September)
 - Energy Efficiency Day (October)

Earth Day & Renewable Energy



WHAT ARE RENEWABLE ENERGY SOURCES AND WHAT BENEFITS DO THEY OFFER THE PLANET?

EARTH DAY & RENEWABLE ENERGY

Name: _____ Date: _____

Find the words in the word bank below.

G	R	D	J	T	N	I	R	P	T	O	O	F	H	C
Y	J	R	E	D	C	P	A	S	O	B	K	M	Y	L
S	A	A	E	I	I	E	T	Z	O	K	P	E	D	P
A	U	R	O	N	F	A	C	Y	Z	L	P	D	R	F
S	V	B	N	R	E	I	F	Y	U	T	A	H	O	T
E	J	T	A	K	G	W	R	S	U	S	W	R	P	N
A	Q	X	N	A	A	A	A	U	S	Q	W	Z	O	A
R	L	Z	A	E	X	C	N	B	P	A	L	M	W	A
T	B	S	E	I	N	F	A	I	L	Q	W	B	E	K
H	R	A	R	N	M	E	D	R	C	E	U	I	R	R
V	J	Q	O	K	P	F	R	E	B	J	M	G	N	X
V	I	G	B	R	U	X	D	G	L	O	R	U	Z	D
Y	U	S	I	S	I	B	B	V	Y	G	N	G	L	Y
C	B	I	C	Q	J	J	E	V	X	E	I	L	Z	Y
O	P	E	N	A	H	T	E	M	L	V	O	R	Y	H

ANAEROBIC	CARBON	WIND
ENERGY	FOOTPRINT	EARTH
METHANE	ORGANIC	HYDROPOWER
RENEWABLE	SOLAR	PURIFIED

EARTH DAY & RENEWABLE ENERGY

Name: _____ Date: _____

Use the clues to fill in the crossword puzzle.

Down:

1. Renewable natural gas is methane that comes from organic waste through _____ digestion.
2. This is a renewable natural gas that comes from organic waste.
5. This type of power is collected by using large blades to spin turbines.
7. Renewable natural gas helps _____ emissions from agriculture and waste.
8. This footprint is the total amount of greenhouse gases, including carbon dioxide, that are emitted by our actions.

Across:

3. This is the day we celebrate and learn about the planet.
4. This type of energy is generated by using water flow to drive turbines.
6. Landfills, yard waste, sludge, and food waste are all examples of _____ sources.
9. This type of energy is derived from natural sources and can be replenished faster than it can be used.
10. This is the type of power that is gathered by using panels pointed at the sun to capture sunlight.



conEdison