



PRESS RELEASE



CITY MANAGER'S OFFICE

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FOR IMMEDIATE RELEASE

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PRESS RELEASE

South Pasadena, CA Launches Nation's First All-Electric Police Fleet

The South Pasadena Police Department, today, became the nation's first law enforcement agency to completely replace its gasoline-powered vehicles with nonpolluting electric vehicles.

The city's zero-emission police fleet of 20 new Teslas will rely on a bank of new electric vehicle chargers installed at South Pasadena City Hall. Additionally, upon completion of the final electrification project component, City Hall, the Police Station and the Fire Station buildings will be backed up by a solar powered system with battery storage adding critical power resilience in the event of an outage.

"This transition reflects the city's vision of a sustainable future based on both sound fiscal management and environmental stewardship," said South Pasadena Mayor Evelyn Zneimer. "The City Council is fully behind this transition. We will have a 21st Century police force that is safe, clean and saves taxpayer dollars. We're very excited to be working with our regional and corporate partners to make this happen."

Regional air quality officials applauded the switch.

"Finishing the job of cleaning up the region's unhealthy smog and protecting our atmosphere will require wholesale adoption of vehicles that produce no emissions while driving," said South Pasadena Councilmember and South Coast Air Quality Management District (SCAQMD) Vice Chair Michael Cacciotti. Cacciotti has been the key champion of the effort. "We have been working on this for over a decade. We

finally got it right and the future for municipalities across the country is clear. Partnering is the way to get big ideas done. Our city is helping to make that a reality today.”

“The Mobile Source Air Pollution Reduction Review Committee (MSRC) is proud to have partnered with the City of South Pasadena on the first-of-its-kind effort to transition an entire fleet of Police cars to zero emission electric vehicles,” said Larry McCallon, Chair of the MSRC and Mayor Pro Tem of the City of Highland. “The MSRC provided nearly \$500,000 in Clean Transportation Funding to this clean air project, which furthers the MSRC’s mission to improve air quality and reduce harmful emissions from motor vehicles in the South Coast Air District.”

A Law Enforcement Paradigm Shift

The move points to a new paradigm for police organizations, which traditionally have been reluctant to move from gasoline to electric vehicles due to concerns about range, potential inability to charge when the grid goes down, and worries that the technology is new and unproven. Now, that’s changed.

“Switching to these vehicles offers the Police Department the opportunity to acquire a cutting-edge vehicle fleet,” said South Pasadena Police Chief Brian Solinsky. “This initiative not only ensures the safest vehicles for officers and staff but also leads to substantial reductions in both fuel and maintenance costs.

“Simultaneously, this transition enhances service levels for the residents of South Pasadena by minimizing maintenance downtime commonly seen with traditional gas combustion engines.”

According to City staff reports, the transition is expected to save about \$4,000 a year per vehicle on energy costs, plus provide additional savings on maintenance, such as brakes, oil changes, air filters, and more. Overall, according to Solinsky, the operational cost of electric vehicles will be at least half the per-mile cost of gasoline-powered vehicles.

Working with partners to identify the right cars for the right price was critical to this effort, “An organization’s fleet can be a clear indication of its values and priorities, and South Pasadena’s strategy emphasizes its dedication to sustainability and innovation,” said Enterprise Fleet Management Vice President, Southern California,

John Mills. “We are proud to help South Pasadena adopt an all-electric police fleet that better reflects its objectives and saves costs along the way. This program sets a high standard for other municipalities across the country.”

To make the switch, Enterprise Fleet Management assisted the city in acquiring 10 Tesla Model Ys as patrol vehicles and 10 Tesla Model 3s for detective and administrative duties. The cars were up-fitted for patrol and administrative police use through Unplugged Performance’s UP.FIT division.

All the vehicles have 5-star safety ratings—better than any gas vehicle available for policing—which means the city’s officers will be as safe as possible in the field, according to Solinsky.

“We’ve had the pleasure of developing best in class next-generation police vehicles alongside the great team at South Pasadena Police Department,” said Unplugged Performance CEO, Ben Shaffer. “As a result, 20 turn-key UP.FIT Tesla Model Y Pursuit and UP.FIT Tesla Model 3 Administrative vehicles have been produced to replace the full fleet of aging ICE vehicles.”

In addition to the advanced technology and performance, the visual presentation of the new fleet has also been enhanced. Each vehicle's sleek and modern graphics were designed by Anyone™ Collective, ensuring that the fleet's visual impact matches its cutting-edge capabilities.

Charging Infrastructure Key

City officials noted that any successful shift to electric transportation requires that the charging infrastructure go hand-in-hand with vehicle acquisition.

A key component of the project was the construction of 34 chargers at South Pasadena City Hall. Under its Charge Ready program, Southern California Edison upgraded its local distribution system to supply the higher level of power needed to energize the vehicles and installed the underground wiring needed to install the chargers.

“Southern California Edison is committed to enabling California’s efforts to achieve a clean energy future and improve air quality in the communities we serve,” said Jill C. Anderson, executive vice president and COO for SCE. “We are excited to

help the city of South Pasadena expand and prepare the local grid to charge its new police fleet through our Charge Ready program. This program helps by providing financial incentives, infrastructure and technical support to facilitate the installation of EV charging stations. We want to thank all those involved in this project who are helping to lead the way to a clean energy future.”

Health and Environmental Benefits

One of the city’s key motivations in moving to EVs, according to Cacciotti, was protecting public health and improving the environment.

South Pasadena’s electric police fleet will cut both toxic smog-forming emissions of nitrogen oxides, volatile organic compounds, and carbon monoxide, plus emissions of carbon dioxide, the key driver of global heating.

“This is important, particularly in the Los Angeles area which still has the most unhealthy air in the nation,” said Cacciotti. “We hope other police departments in the region and state will make the switch, too.”

Replacing gasoline-powered police and other public safety vehicles with EVs, he added, is critical since they are particularly high emitters. Police vehicles typically idle more than other vehicles when officers make traffic stops or respond to emergency calls, which greatly adds to emissions.

The gasoline engines must continue to run—which creates pollution—just to power the cars’ emergency lights, radios, and other crucial equipment used in police cars. In contrast, EVs are emissions-free while driving.

Resilient Public Safety

Clean Power Alliance’s Power Ready Program provides another important electrification component to South Pasadena’s City Hall project through the installation of a renewable solar and battery energy storage system, at no cost to the City. Stored energy will provide for the continuity of operations for essential services during power outages. In addition to installing a solar system canopy over the adjacent parking lot, CPA will reserve a portion of battery capacity in case of an outage and the batteries will

be used daily for grid and energy optimization – participating in demand response events and increasing overall system reliability.

Costs to Be Carefully Measured

More than half the cost of the electrification project is being met by the City's project partners, including:

- Nearly \$500,000 in Clean Transportation Funding from the Mobile Source Air Pollution Reduction Review Committee (MSRC);
- Approximately \$530,000 in work conducted by Southern California Edison under its Charge Ready program; and
- No cost solar and battery storage system from the Clean Power Alliance's Power Ready Program – a Local Programs benefit to CPA's member agencies.

The city's net expense is \$1.85 million, which covers the cost of the EV chargers and lease payments to Enterprise Fleet Management.

To monitor costs and savings, ensure long-term fleet health, and manage vehicles day-to-day, the city has partnered with Standard Fleet. Collaborating with UP.FIT, Standard Fleet's advanced software offers complete control over charging, maintenance, and dispatching of the customized Tesla vehicles used by the police force. Chief Solinsky highlighted the system's crucial role in effectively managing their electric police fleet.





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Standard Fleet
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FOR IMMEDIATE RELEASE

Standard Fleet and UP.FIT Partner to Modernize Government Electric Vehicle Fleet Management

Innovating Public Safety: A Strategic Initiative to Enhance City and County Fleet Efficiency and Sustainability

San Francisco, Calif. – 16 July, 2024 – [Standard Fleet](#), an electric vehicle management technology developer, and [UP.FIT](#), an Unplugged Performance company focused on the upfitting of Tesla electric vehicles for fleet use, today announced a collaborative initiative designed to enhance government electric vehicle (EV) fleet management. This effort brings together UP.FIT's industry-leading expertise in customizing Teslas for specialty use with Standard Fleet's sophisticated fleet management software, aims to improve operational efficiency and support the environmental goals of government fleets including those managed by emergency responders and law enforcement.

"Our collaboration with UP.FIT aims to equip police departments with the tools they need for a smoother, more cost-effective fleet management experience," said David Hodge, Founder and CEO of Standard Fleet. "Integrating our software with UP.FIT's customized Tesla vehicles means we can offer a system that improves operational efficiency while supporting environmental goals."

"Our mission at UP.FIT is to simplify the adoption of electric fleets for first responders and fleet operators globally," said James Hedland, Fleet Director at UP.FIT. "Standard Fleet software gives operators complete control of the access, charging, maintenance, and dispatching of their up-fitted EVs. Together we're providing police departments and other city and county fleet operators with an electric vehicle management system proven to enhance performance and operational efficiency."

The partnership addresses a growing need for cost-effective and responsible deployment of EV fleets in public service by merging the expertise and capabilities of UP.FIT and Standard Fleet. This initiative is poised to redefine fleet management for government entities, enhancing both vehicle functionality and operational oversight.

Key Benefits of the Partnership:

- **Improved Operational Efficiency:** Standard Fleet's software streamlines the management of charging, maintenance, and daily operations of EVs, reducing both time and costs for fleet managers.
- **Tailored Vehicle Customizations:** UP.FIT modifies Tesla vehicles to meet the specific needs of police and public safety operations, enhancing their reliability and suitability for work in the communities they serve.

- **Environmental Impact:** The shift towards EVs helps reduce emissions and air pollution, and aligns with local, state, and federal environmental objectives.

Sergeant Tony Abdalla from the South Pasadena Police Department, a client benefiting from this partnership, stated, “Adopting electric vehicles for police work presents a unique set of challenges along with opportunities to better serve our community with a cleaner, more reliable, and higher performance police fleet at lower costs over the long term. Standard Fleet technology gives us mobile access to all of our EVs to enhance our operations from dispatch, charging, maintenance, and analytics, to keyless access for officers coming on- and off-duty. Combining Standard Fleet software with the hardware and digital technology upgrades installed by UP.FIT puts our fleet at the forefront of sustainability and performance.”

This initiative underscores the potential of technology to improve public sector operations and promotes the adoption of sustainable practices in fleet management. As police departments and other city and county fleet operators increasingly turn to electric vehicles, Standard Fleet and UP.FIT provides scalable, impactful, and effective solutions for the challenges of modern fleet operations.

To learn more about this strategic collaboration, please visit [here](#).

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Sales and Partnership Inquiries:

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About Standard Fleet:

Founded in 2021 and based in San Francisco, Standard Fleet envisions a future where electric vehicle (EV) fleets are at the forefront of sustainable transportation, supporting a more environmentally friendly approach to urban mobility. The company’s software simplifies the management of electric vehicle fleets by enhancing operational efficiency and facilitating the transition to sustainable transportation. For more information, please visit www.standardfleet.com.

About UP.FIT:

Based in Hawthorne, CA, UP.FIT, an Unplugged Performance company, is the global leader in upfitting Teslas for fleet use. Launched in response to the growing need for advanced, sustainable fleet solutions, UP.FIT collaborates with industry leaders to engineer high-level components, turnkey vehicles, training, and innovative management tools. The UP.FIT mission is to provide first responders with the most innovative, safe and reliable equipment possible, all while driving to a cleaner tomorrow.

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**Unveiling the Nation's First All-Electric Police Fleet
City of South Pasadena
Press Conference | July 29, 2024**

Additional Quotes from Project Partners

CLEAN POWER ALLIANCE

“Clean Power Alliance designed the Power Ready program to directly support power resiliency needs in communities we serve across Los Angeles and Ventura counties at no cost to them, and we are excited to provide an on-site installation with demand response capabilities in South Pasadena as part of that effort. As impacts from climate change such as heat events and wildfire risk, increase the chance of power outages, it’s our goal to provide communities with reliable clean energy backup power in public buildings that serve critical needs as we work together to reduce harmful greenhouse gases,” said Ted Bardacke, CPA’s Chief Executive Officer.

ENTERPRISE FLEET MANAGEMENT

“By working with a professional fleet management company, that utilizes an array of fleet strategy resources, a municipality can replace more of its fleet on an annual basis while maximizing savings. With local, hands-on account management that includes vehicle acquisition and funding, Enterprise Fleet Management assesses reliable forward-looking market data to help government agencies like the City of South Pasadena Police Department implement mobility solutions that best meet their objectives and sustainability goals,” said John Mills, Vice President, Southern California, **Enterprise Fleet Management**.

STANDARD FLEET

“We are honored to be part of this groundbreaking initiative. Standard Fleet’s mission aligns perfectly with South Pasadena’s commitment to sustainability and innovation. Our advanced fleet management technology ensures that the city’s new electric police vehicles operate at peak efficiency, delivering a smoother, more cost-effective fleet management experience.” David Hodge, CEO.

UNPLUGGED PERFORMANCE

“We’ve had the pleasure of developing the best in class next-generation police vehicles alongside the great team at South Pasadena PD. As a result, 20 turn-key UP.FIT Tesla Model Y Pursuit and UP.FIT Tesla Model 3 Administrative vehicles have been produced to replace the full fleet of aging ICE vehicles with UP.FIT Tesla EVs,” said Ben Shaffer, chief executive officer of Unplugged Performance.

WHELEN ENGINEERING

“By including the Whelen ecosystem in their fleet of EVs, the South Pasadena Police Department has created the next generation police car. Whelen’s state-of-the-art technology makes South Pasadena’s officers and community safer than ever before, and we couldn’t be prouder to partner with them on this project,” said Matthew Growth, Whelen Western Regional Sales Manager.

WHY GO ELECTRIC?

ENHANCED SAFETY FEATURES

The Tesla Model Y received a 5-star safety rating by the National Highway Traffic Safety Administration (NHTSA) and is the safest vehicle crash tested by the Insurance Institute for Highway Safety (IIHS). Active safety features include Automatic Emergency Braking, Forward Collision Warning, Side Collision Warning, Obstacle Aware Acceleration, Blind Spot Monitoring, Lane Departure Avoidance, and Emergency Lane Departure Avoidance.

REDUCE OPERATIONAL AND MAINTENANCE COSTS

The South Pasadena Police Department projects a cost savings of approximately \$400,000 over a ten-year period compared to traditional internal combustion engine vehicles.

LOCAL GREENHOUSE GAS REDUCTION TARGETS

By 2030, the City expects the all-electric fleet to reduce approximately 1,850 metric tons of CO₂. This reduction amounts to 10% of the total greenhouse gas emissions reduction needed to meet the City's 2030 target of 18,579 metric tons of CO₂e* reduced. This transition also exceeds the City's Climate Action Plan task of electrifying the municipal vehicle fleet to reduce greenhouse gas emissions by 23 metric tons of CO₂e by 2030.

*CO₂e, or carbon dioxide equivalent, is a metric unit that compares the emissions of greenhouse gases based on their global warming potential.



FUTURE POWER READY SITE

City staff and **Clean Power Alliance** are working together to bring a clean energy backup power system to City Hall to keep electricity on in the event of an outage. Through the **Power Ready Program**, City Hall and the adjacent Hope/Mound parking lot will receive the installation of a solar system canopy, a battery energy storage system, and the necessary electrical infrastructure to connect with the current facility's electrical system - all at no cost to the City.

Providing this energy resiliency will allow the facility to operate for at least four hours in the event of a power outage, such as Public Safety Power Shutoffs, natural disasters, and rolling blackouts. The Power Ready Program specifically allocated a portion of the battery energy storage system's capacity (25%) to be maintained as "Critical Energy Reserve" that is ready for an unplanned outage. The remaining 75% of capacity may be used for daily energy services. The reserve capacity will ensure our city's resilience in managing grid emergencies by maintaining critical operations.

PROJECT SCOPE



10 Tesla Model Y
Patrol Use



36 EV Charger Ports
14 Available for Public Use



10 Tesla Model 3
Administrative/Detective Use

PROJECT FUNDING



~\$530,000

The **Charge Ready Program** assists in establishing the infrastructure and equipment needed for electric vehicle charging stations. In the Charge Ready Program, the City procured, installed, and will maintain the EV chargers, while Southern California Edison funded and installed the needed electrical infrastructure including transformers, conduits, panels, wiring, and meters.



~\$500,000

The **Transformative Transportation Strategies & Mobility Solutions Program** funds innovative and transformative transportation and mobility concepts that effectively reduce air pollution and congestion and serve as a model for other agencies to follow. The majority of these funds covered costs of the down payment of the patrol vehicles, while a portion went towards EV chargers purchase and installation costs.



NO COST TO CITY

Clean Power Alliance's **Power Ready Program** is a community benefit offered to its member agencies with the goal to make a public building that serves a critical community purpose energy-resilient. Installing a solar system with battery storage allows for a backup source of energy if there is ever an outage. CPA is providing this benefit at no cost to member agencies.



PROJECT TIMELINE

1 MAY 2021

Councilmember Cacciotti requests staff to explore and research the possibility of transitioning to an electric police fleet, the Charge Ready Program, and installation of battery energy storage.

2 DECEMBER 2021

The Natural Resources and Environmental Commission and Public Safety Commission recommend approval to the City Council of the Police Department's electrification proposal.

3 SEPTEMBER 2022

City Council approves participation in Southern California Edison's (SCE) Charge Ready Program, a Tesla vehicle police fleet, and a lease agreement with Enterprise Fleet Management. The City partners with Unplugged Performance for police vehicle up-fitting.



4 OCTOBER 2022

The Police Department meets with Enterprise Fleet Management and Tesla's Fleet Division to discuss ordering vehicles.

5 FEBRUARY 2023

MSRC awards \$499,789 in exclusive grant funding to the Police Electrification Project.

6 MAY 2023

City Council approves an award of a contract to Rexel Energy Solutions, ChargePoint Partner, for the purchase of Electric Vehicle Supply Equipment (EV Chargers) and related services.

7 DECEMBER 2023

The Police Department places first Tesla Model Y patrol vehicle in service.



8 APRIL 2024

SCE, with Public Works staff, begins construction of electric vehicle charging infrastructure at the Police, Fire, and City Hall parking lots.

9 JULY 2024

SCE and Public Works staff complete construction of the first phase of the electric vehicle charging infrastructure.



NEXT STEPS 10

The City is advancing electrification projects through the Clean Power Alliance's Power Ready program to install a solar canopy and battery back-up system at City Hall.



VISITOR
PARKING

VISITOR
PARKING



2301

SOUTH PASADENA

POLICE





SOUTH PASADENA
POLICE

2302

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EV FLEET
CHARGING



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