



BRANCHO MURIETA COMMUNITY SERVICES DISTRICT

15160 Jackson Road, Rancho Murieta, CA 95683

Office - 916-354-3700 * Fax - 916-354-2082

IMPROVEMENTS COMMITTEE

(Directors Randy Jenco and John Merchant)

Regular Meeting
June 3, 2025, at 8:00 a.m.

AGENDA

1. Call to Order

2. Comments from the Public

If you wish to speak during Comments from the Public or would like to comment regarding an item appearing on the meeting agenda, please complete a public comment card and submit to the Board Secretary prior to Public Comments.

3. Improvements Staff Report

- A. *Discussion Item* WSC Water Vision Scopes
- B. *Discussion Item* Unanswered IWMP Questions
- C. *Discussion Item* Cameras for Water Tank Sites
- D. *Discussion Item* EV vs Gas Vehicle

4. Director and Staff Comments/Suggestions

5. Adjournment

"In accordance with California Government Code Section 54957.5, any writing or document that is a public record, relates to an open session agenda item and is distributed less than 24 hours prior to a special meeting, will be made available for public inspection in the District offices during normal business hours. If, however, the document is not distributed until the regular meeting to which it relates, then the document or writing will be made available to the public at the location of the meeting."

In compliance with the Americans with Disabilities Act if you are an individual with a disability and you need a disability-related modification or accommodation to participate in this meeting or need assistance to participate in this teleconference meeting, please contact the District Office at 916-354-3700 or awilder@rmcsd.com. Requests must be made as soon as possible.

Note: This agenda is posted pursuant to the provisions of the Government Code commencing at Section 54950. Posting location is District Office. The date and time of this posting is May 30, 2025 at 1:00 p.m.

MEMORANDUM

Date: June 3, 2025

To: Improvements Committee

From: Eric Houston- Director of Operations

Subject: Monthly Improvements Committee Updates

A. WSC Water Vision Scopes

Update only.

B. Unanswered IWMP Questions

C. Camera for Water Tank Sites

Update only.

D. EV vs Gas Vehicles

Please see attached report.

Here's a summary of your vehicle comparison

This estimate uses SMUD's Time-of-Day (5-8 p.m.) Rate. If you are currently on an EV rate, the gasoline vehicle portion of this estimate may not include the EV discount you are receiving.

Save on energy

\$3,296 First year

Increased electric bill **\$811**
Savings on gasoline expenses **\$4,107**

[View complete financial results](#)

Incentives available

- \$1,000 SMUD Charge@Home Incentive
- \$600 Federal EV Charger Credit
- Carpool lane access
- Preferred parking

[View incentives details](#)

Reduce carbon

76% Per year

Equivalent to either:

- Trees planted **117**
- Tons of waste recycled **2.4**

Steps to take

- Drive an electric vehicle

Let's review each step of your estimate

You can modify any of the steps according to your preferences.

Drive an electric vehicle

Gasoline vehicle

Chevrolet Silverado High Co... [✎](#)
2025 | Gasoline

\$68,290 [✎](#)
Starting MSRP

15
Miles per gallon

Electric vehicle

Chevrolet Silverado EV LT Extended Range [✎](#)
2025 | All electric

\$75,195
Price after incentives
\$75,195 [✎](#)
Starting MSRP

408
Electric range (miles)



Let's review your key financial results

These results factor in detailed financial assumptions for an electric vehicle. Consult with a qualified financial advisor to identify important considerations unique to your situation.

Gasoline vehicle financing Loan	5 yrs @ 8% 10% down
Electric vehicle financing Loan	5 yrs @ 8% 10% down

Upfront cost

Your initial out of pocket expense not including incentives

\$9,520



Incentives

Available tax credits and rebates

\$1,600



[Modify filing status and income](#) [✎](#)

SMUD Charge@Home Incentive [Learn more](#) [✎](#)

\$1,000

SMUD's Charge@Home incentive program will help you lower the cost of purchasing a qualified Level 2 charger for your home and/or home electrical costs needed to install a Level 2 charger. You may be eligible for up to \$500 towards the purchase of the charger and/or up to \$500 towards associated electrical work. Follow the link above to learn more.

Federal EV Charger Credit [Learn more](#) [✎](#)

\$600

The Inflation Reduction Act grants a tax credit for buyers in eligible census tracts who purchase electric vehicle charging equipment after January 1, 2022. Eligible census tracts are defined as low-income or non-urban tracts and can be checked with the Department of Energy's 30C Tax Credit Eligibility Locator. The credit covers 30% of the equipment and installation cost, up to \$1,000 for buyers in eligible tracts. This tax credit can be used towards taxes owed to the U.S. government.

Total

\$1,600

Other benefits

Carpool lane access

Preferred parking

Insurance discounts

Average monthly expenses

Recurring monthly expenses in the first year

\$1,540



Lifetime savings

Your net savings over the next 5 years

\$13,386



Breakeven

Occurs when your net savings offsets your upfront investment

Year 2



This estimate uses SMUD's Time-of-Day (5-8 p.m.) Rate. If you are currently on an EV rate, the gasoline vehicle portion of this estimate may not include the EV discount you are receiving.

Plan how you will charge at home

Studies show that most EV drivers do more than 80% of their charging at home. You can choose between a Level 1 or Level 2 charger. A Level 1 charging cable may come with your EV and plugs into a standard 120V household outlet. For expedited charging, a Level 2 charger is typically purchased separately and can either plug into an existing 240V outlet, like that used for an electric clothes dryer, or can be hardwired by a licensed electrician.

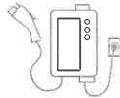
Learn more about SMUD's [Time-of-Day \(5-8 p.m.\) Rate](#) offered to customers with electric vehicles.

Your home charging equipment

Level 2 charger - 240 Volt

9.6kW | 40 Amp

Change charger selection



\$2,000

Estimated installed cost (before incentives)

Refine installed cost

View incentive details



38 miles

Typical daily charge

100% home charge



408 miles

Full charge



The Chevrolet Silverado EV LT Extended Range is capable of charging 19.8% faster, with a maximum Level 2 charge acceptance rate of 11.5 kW. Consider buying a Level 2 charger with a higher output rate.

When to charge your EV at home

It is best to charge your EV overnight. This will save you the most money on your Time-of-Use plan.

Rate

TOD 5-8 pm Rate w/ EV Discount

Your charge hours Modify

12:00 am to 2:00 am



Best time to charge

Least expensive

Most expensive



January - May

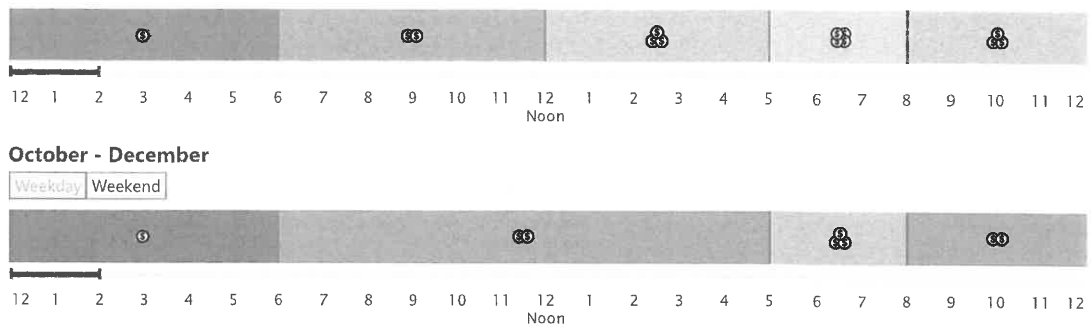
Weekday Weekend



12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12
Noon

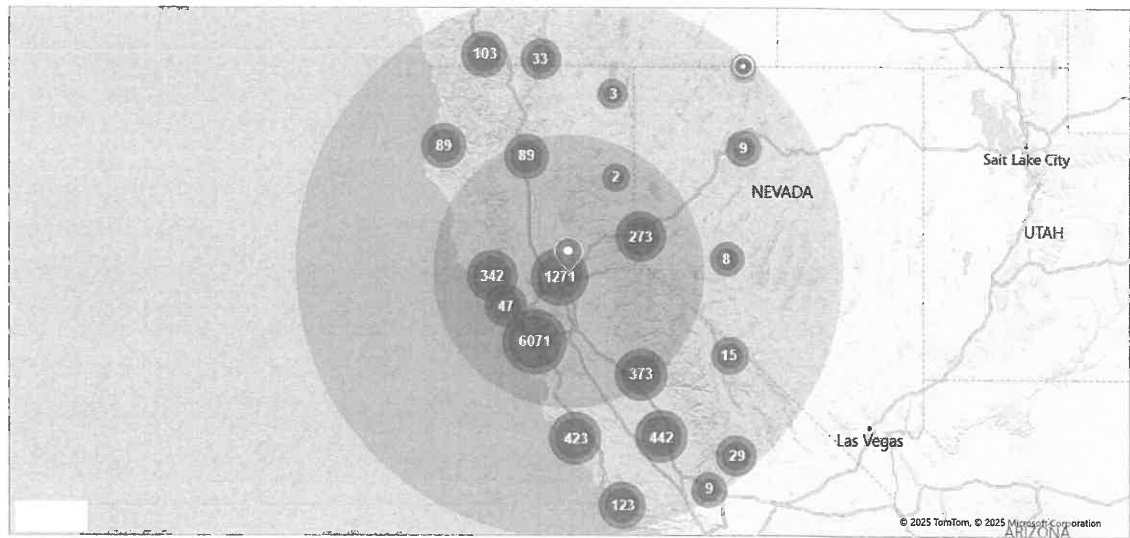
June - September

Weekday Weekend



Using electricity alone, you can drive up to 408 miles with a Chevrolet Silverado EV LT Extended Range

Drag the green pin to any location to estimate how far your selected plug-in vehicle can take you on a single charge. The outer circle represents a one-way trip on a single charge, while the inner circle estimates a round-trip on a single charge. EVs that run on both gasoline and electricity can go beyond this range using gasoline. The purple pins are charging stations.



Note that your actual range can vary depending on your driving habits, and may be lower in hot or cold weather. Charging station data is compiled from the Alternative Fuels Data Center.

Want to learn more about going EV?



For more detailed information on:

- Rebates, tax credits and incentives
- Discounted charging rates for EV owners
- Charging options
- Upcoming ride and drive events

Visit [Drive Electric](#)