GOLDEN EMPIRE TRANSIT DISTRICT
MINUTES OF THE REGULAR MEETING
OF THE BOARD OF DIRECTORS

NOVEMBER 19, 2019
5:30 PM

1830 GOLDEN STATE AVENUE
BAKERSFIELD, CALIFORNIA  93301

DIRECTORS PRESENT:

Jim Baldwin
Rueben Pascual
Carlos Bello
Leasa Engel

DIRECTORS ABSENT:
Cindy Parra

ATTORNEY PRESENT:
Jim Worth

STAFF PRESENT:

Karen King  Steve Barnes  Deidre Brown
Jeannie Hill  Jill Smith  Chris James
Candra Cheers  Ricardo Perez  Robert Williams
Amanda Villanueva  Sharon Pierce

OTHERS PRESENT:

Natalia Woolfolk  Lee Wixom  Ryan Nielsen
Bob Snoddy  Jorge Torres  Maury Juarez
Erika Londeros  Noemie Bishop  Diana Pineda

The Vice Chair called the meeting to order at 5:30 p.m.

PLEDGE OF ALLEGIANCE

Ms. Deidre Brown led the pledge of allegiance to the flag of the United States of America.
GOVERNMENT FINANCE OFFICERS' ASSOCIATION AWARD

Mr. Barnes introduced Mr. Ryan Nielsen from Brown, Armstrong Associates LLC. Mr. Barnes stated that this award recognizes the dedication and outstanding work of the Finance Department staff. Mr. Nielsen commented that the GFOA encourages better, more thorough financial reporting beyond annual audit reporting with the preparation and use of a more comprehensive format and in-depth analysis known as a Comprehensive Annual Financial Report, or CAFR. The District was notified by GFOA earlier this fall that the report merited their highest honor, Excellence in Financial Reporting, and a certificate and plaque commemorating this achievement. This is the sixth year in a row that GET has received this award.

APPROVAL OF CONSENT AGENDA

The consent agenda included an item on the meeting dates for 2020. Director Engel moved and Director Pascual seconded a motion to approve consent agenda items A-D. The motion carried with four (4) ayes and one (1) absent (Parra).

PUBLIC COMMENTS: None.

BATTERY ELECTRIC BUS PRESENTATION

Mr. James introduced Mr. Lee Wixom with Proterra. Mr. Wixom gave a presentation on battery electric buses and distributed information on Proterra's battery-electric buses. (See Attachments A and B.) This was an informational item only.

RYDE UPDATE

Mr. Perez reviewed the status of RYDE. This was an informational item only.

OCTOBER 2019 FINANCIAL POSITION AND RESULTS OF OPERATIONS

Mr. Barnes reviewed October 2019 financial reports. This was an informational item only.

FUTURE AGENDA ITEMS/BOARD COMMENTS

Director Engel commented that she is looking forward to RYDE expanding into other areas of the community.

Director Pascual thanked staff for their hard work and commitment to achieve the GFOA Award. He mentioned that he is looking forward to receiving a report on High Speed Rail at next month's meeting.

Director Baldwin commented that he is also interested in hearing the High Speed Rail report next month. Director Baldwin also stated that information regarding electric rates from PG&E indicate that prime time is changing from 12 pm to 6 pm to 4 pm to 9 pm for prime rates.
Director Baldwin encouraged staff to not be discouraged by “what ifs” in the new service RYDE, but continue to be optimistic and open to different avenues. He also added for staff to remember that the disabled community depends on the service and is very appreciative.

CHIEF EXECUTIVE OFFICER’S REPORT/COMMENTS

Ms. King stated that the Record of Decision has been issued to the California High Speed Rail Authority for the locally generated alternate route through Bakersfield. This is a major milestone in the process for the CHSRA to acquire GET’s property. Ms. King commented that the California Transit Association’s Fall Conference was the best she has attended with probably 500+ in attendance. The keynote speakers were informative and sessions were educational.

ADJOURNMENT

There being no further business, Director Baldwin moved that the meeting be closed. The meeting concluded at 6:54 p.m.

Respectfully submitted,

Secretary of the Board of Directors
CREATE A CLEANER FUTURE
WITH ZERO-EMISSION TRANSIT

$450 MILLION
AVAILABLE
IN CALIFORNIA
TIRCP GRANTS

proterra.com

FUNDING FOR ELECTRIC TRANSIT VEHICLES
AND INFRASTRUCTURE IN CALIFORNIA

- The California Transit and Intercity Rail Capital Program (TIRCP) supports rail and bus investments made by public agencies. Eligible projects under the program include bus rapid transit and other bus transit investments to increase ridership and reduce greenhouse gas emissions.

- Procurement of electric buses, charging systems, and associated electric bus infrastructure are eligible projects under this program, as well as leasing electric buses and/or batteries.

- Applicants may partner with Proterra to propose and deliver projects.

- Learn more about TIRCP funding at https://calsta.ca.gov/subject-areas/transit-intercity-rail-capital-prog

- $450 million available in funding for the 2020 program.

67% SUCCESS RATE for electric bus applications in 2018

$15.8 MILLION AVERAGE AWARD size for electric bus projects in 2018

FREE PROterra WEBINAR
Watch our free webinar on 2020 California TIRCP funding to learn about program trends, eligible projects, and useful tips for a successful proposal: https://www.proterra.com/news-resources/webinars/

PROterra CAN HELP YOU APPLY AND MEET THE JANUARY 16TH, 2020 DEADLINE
CONTACT US: www.proterra.com/contact
CLEAN, QUIET TRANSPORTATION FOR ALL

Communities are growing and evolving, and with that, our transportation needs are changing. Now more than ever, we need safer, more reliable and cleaner options. Proterra works to meet those needs with the world’s best electric vehicle technology solutions, designed and built in the United States by top talent from the automotive, manufacturing and transit industries. Our revolutionary battery-electric Catalyst® vehicle helps fleet operators reduce operating costs and reach sustainability goals while providing a clean, quiet, comfortable ride.

With more than 100 customers across North America and over 10 million service miles driven, Proterra is leading the industry’s shift to a 100% electric future.
THE PROTERRA CATALYST TRANSIT VEHICLE

UNMATCHED PERFORMANCE
Best acceleration, greatest horsepower, highest MPGe

LONGEST RANGE
Up to 328 miles* on a single charge

GREATEST SAVINGS
Lowest operating costs, zero emissions

XR
230 kWh energy on board
92-138 miles operating range
2.8 hrs charger time

E2
440 kWh energy on board
150-230 miles operating range
3.8 hrs charger time

E2 MAX
510 kWh energy on board
175-260 miles operating range
1.6 hrs charger time
BUILT TO BE ELECTRIC
FROM THE INSIDE OUT

Designed from the start as an exclusively electric vehicle, everything about a Proterra Catalyst bus is built with safety, efficiency, and a smooth ride in mind. The Catalyst vehicle delivers exceptional route flexibility and proven operational performance, with the greatest range of any zero-emission, battery-electric bus in its class.

ADVANCED DESIGN

Made with an advanced carbon-fiber-reinforced body, the Catalyst vehicle is designed to safely and quietly endure nearly two decades of on-road service, with minimal maintenance required.

- Bus body made of carbon-fiber-reinforced composite materials
- Lighter than steel counterparts, enabling the highest battery capacity
- Extremely durable composite is impact- and corrosion-resistant and easy to repair
- Maximizes vehicle life while minimizing repairs and maintenance
The innovative design of the Catalyst vehicle enables us to have the most battery capacity on board for maximum range. The purpose-built design also allows for the best placement of battery packs, underneath and outside of the passenger compartment and creating a lower center of gravity for the greatest stability and safety.
PROTERRA BATTERIES: SMART, TOUGH, RELIABLE

Designed from the cell level up for heavy-duty transit usage, Proterra batteries have a ruggedized, commercial-grade housing to withstand harsh environments. Sensors throughout each pack enable continuous monitoring for faster diagnostics and service, while active thermal management software ensures optimal operation in any climate.

Built in Proterra's Silicon Valley battery manufacturing facility by the best minds in battery engineering, Proterra battery systems are designed to be compact, safe and powerful.
ZERO EMISSIONS
ALL THE POWER

With Proterra, you don't have to compromise on performance when you go electric. In fact, our Catalyst vehicle out-performs combustion-engine buses and is the most efficient bus in its class.
**PROTERRA DRIVETRAINS: BEST ACCELERATION, EFFICIENCY AND HORSEPOWER**

**THE PRODRIVE DRIVETRAIN**

The ProDrive drivetrain, the standard option for the Catalyst® vehicle, offers superb performance and efficiency, enabling up to 22 miles per gallon equivalency (MPGe). That's five times more fuel-efficient than a standard diesel bus.

**THE DUOPOWER™ DRIVETRAIN**

Communities with more demanding conditions and tougher terrain may opt for the DuoPower™ drivetrain, which provides unparalleled performance and up to 25 MPGe. Featuring two electric motors, this drivetrain can accelerate the Catalyst 1.5 times faster than a standard diesel bus, with nearly twice the horsepower, enabling industry-leading hill climb capabilities.

**FASTEST ACCELERATION**

1.5 times faster than a standard diesel bus

**5X MORE EFFICIENT THAN A DIESEL BUS**

Up to 25 MPGe

**GREATEST HORSEPOWER**

Nearly twice as powerful as a standard diesel bus, able to tackle steep hills with grades up to 27%, with a full seated load weight

**THE PROTERRA CATALYST E2 ELECTRICAL SYSTEM**

with ProDrive configuration
CATALYST®
40 FT BUS

Our most popular vehicle, the 40-foot Catalyst electric bus, can hold up to 660 kWh of energy and drive more than 300 miles on a single charge. With the longest range and best performance, the E2 max with DuoPower™ drivetrain is the iconic model that broke the world record for the longest distance traveled by any electric vehicle on a single charge.

ALL CATALYST MODELS are charged on-route with overhead fast chargers at the 300 kW PRO Drive and Prodimax or overhead chargers. All models take approximately 1.5 hours to charge at 720 CCs plug-in or 330 CCs overhead chargers.

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<td>XR 40</td>
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Available in both the XR and E2 series, this model can carry up to 440 kWh of battery storage capacity, reach a maximum range of 234 miles and an operating efficiency of 25 MPGe.

### REQUEST A ROUTE ANALYSIS

Experts on the Proterra team perform data led route simulations and total cost of ownership analyses to help you match the on-board energy storage, drivetrain and charging configurations to your route requirements, total daily mileage and layover options. Get in touch with us to request your route analysis and find out which Catalyst vehicle is best for your transit needs.

proterra.com/contact

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* Operating range and efficiency are based on urban cycle WTW testing; results may vary based on actual route profile and driver behavior.
Proterra Catalyst® vehicles aren't just clean and quiet. They're also far more economical than conventional transit vehicles. Imagine not having to maintain an engine, with its fuel system, cooling system or exhaust system. With Proterra, all that effort and expense is a thing of the past.

Thanks to lower maintenance costs, the stable cost of electricity, and exceptional fuel economy, Proterra customers can save more than $400,000 in operating costs over the lifetime of each vehicle.
SIMPLIFY THE SHIFT WITH FINANCING

Proterra can help you make the shift from fossil fuels to zero-emission electric buses with a variety of financing and funding options. We'll work with you to identify the grant, loan or financing program that best meets your budget needs.

**OPERATING COST SAVINGS ENABLE LEASE FINANCING:**

- BATTERY LEASE PAYMENT
- MAINTENANCE COSTS
- FUEL COSTS

**MUNICIPAL CAPITAL LEASE**
A generally low-cost financing tool for local governments with investment-grade credits. Offers structured ownership that enables you to own a Proterra bus at the end of the lease term.

**OPERATING LEASE**
Operating leases allow you to pay for the use of a bus over time, with the option to permanently transition the bus into your fleet.

**BATTERY LEASE**
A battery lease enables you to buy a Catalyst bus for roughly the same price as a diesel bus, putting the operating savings toward the battery lease. Proterra is responsible for the performance of the batteries through the life of the lease, removing operator risk.
YOUR PARTNER FOR A ZERO-EMISSION FLEET

At Proterra, we don't just design and build the world's most efficient heavy-duty electric vehicles. We're your partners in successfully transitioning to a zero-emission fleet. Proterra Energy™ fleet solutions offer a turn-key approach to delivering the complete energy ecosystem for heavy-duty electric fleets, including design, build, financing, operations, maintenance and energy optimization.
OPTIMIZE OPERATIONS, REDUCE COSTS

Within the Proterra APEX® Connected Vehicle Intelligence System, you can access cloud-based data that gives you historical and real-time performance information about your battery-electric vehicle fleet, to optimize your bus and charging operations and reduce costs.

Vehicle monitoring | Remote diagnostics | Preventative maintenance | Charger management
CONNECTED VEHICLES FOR SMARTER CITIES

Proterra is advancing connected vehicle technology to enable safer and more efficient movement through dynamic urban environments. From the Proterra APEX™ connected vehicle intelligence system to our advanced diagnostics tool and autonomous vehicle technology testing, Proterra is bringing robust connected vehicle technology to electric bus fleets.
Proterra vehicles and chargers are designed and manufactured in the USA by America’s top transit designers and engineers, compliant with Federal DOT Buy America requirements.