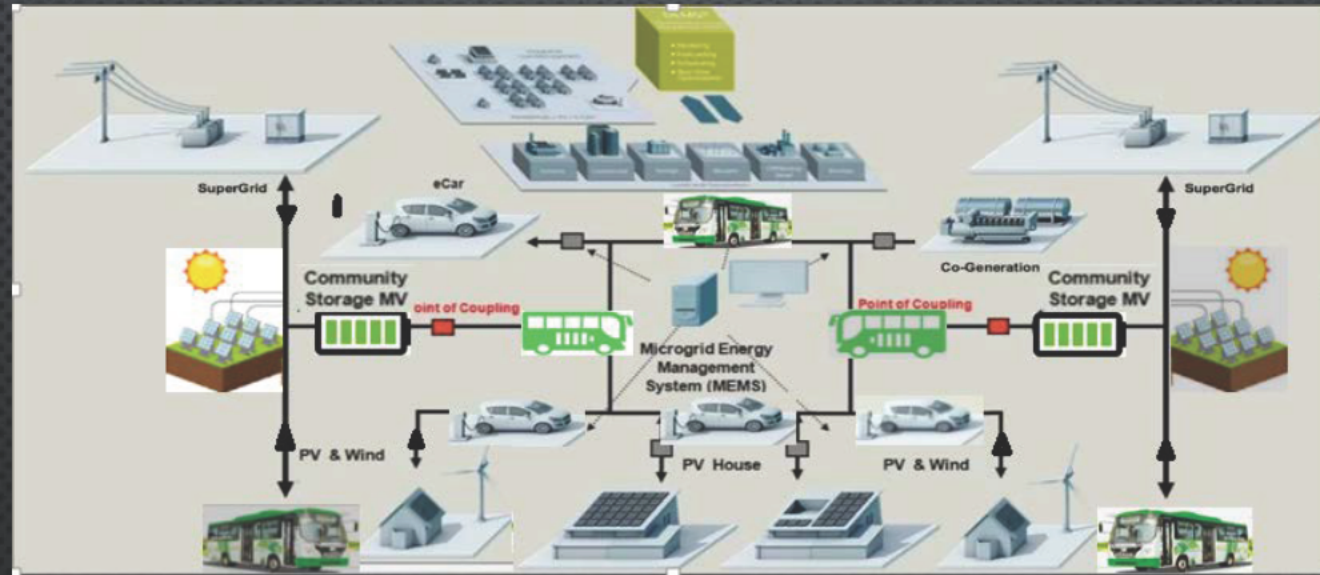


A.C.E. ADVANCED COMMUNITY ENERGY

MICROGRID DEVELOPMENT



BUSINESS OPPORTUNITIES FOR RESILIENT COMMUNITY DESIGN

Benefits and challenges of Advanced Community Energy Microgrids

Community Microgrids bring communities four benefits not provided by today's centralized energy system

1. **Lower costs and increased local economic investment**
2. **Improved overall performance**
3. **Resilience and security**
4. **Replicable, scalable model**

Indefinite renewables-driven backup power provides an unparalleled trifecta of economic, environmental, and resilience benefits



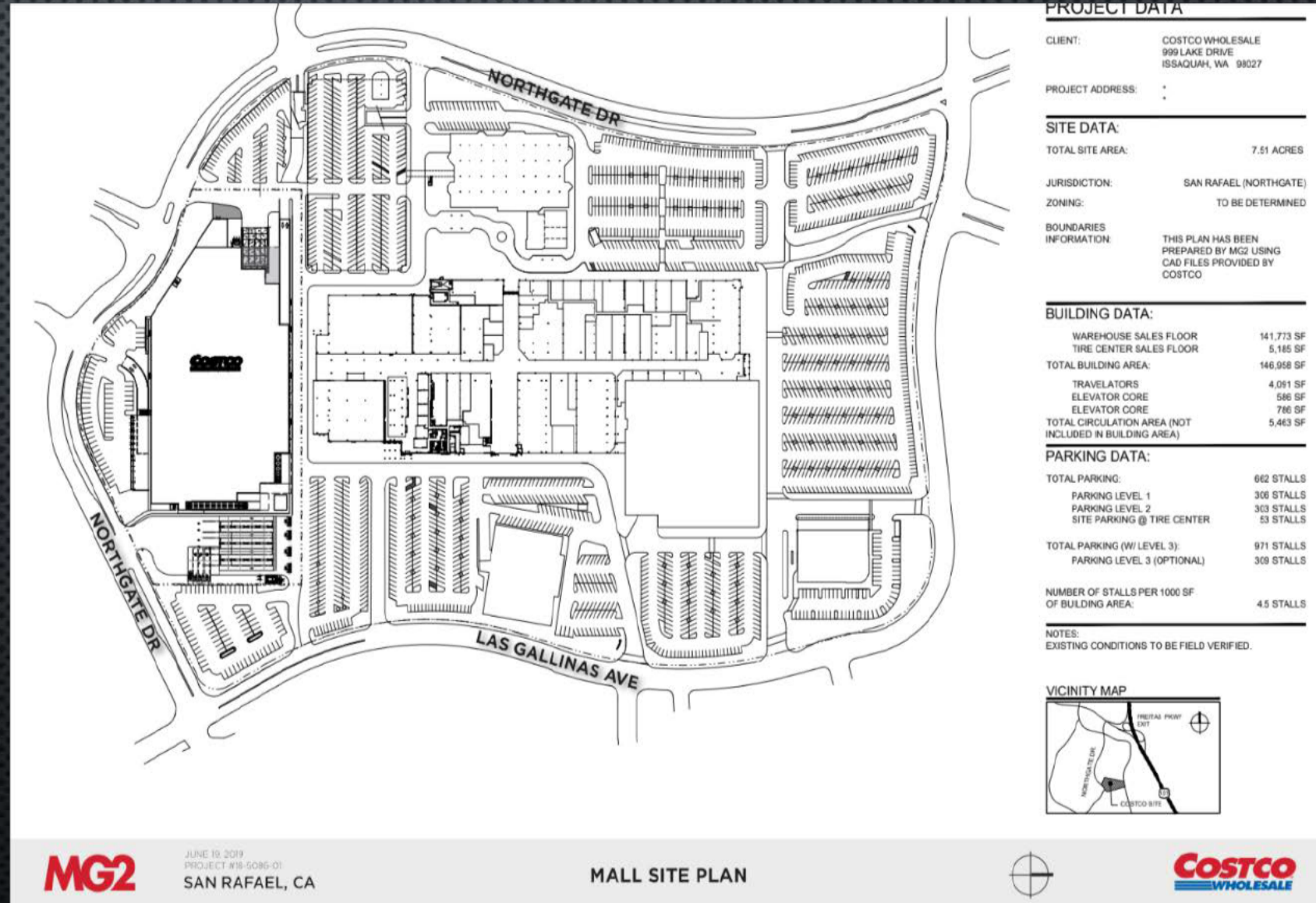
COSTCO: Northgate Mall : A.C.E. pilot project

- 146,958 sq. ft. roof area
- Up to 3.4 MW Solar
- Stationary ESS technology plus
- EV Delivery vans + shuttles + passenger EV's
- 12 bay DCFC EV charging @ Fueling station (1/2 EV – 1/2 ICE)

COSTCO ACE Microgrid

Place of refuge

- Sell goods and services in emergencies **including energy**
- **Energy** asset in emergencies (V2X enabled)
- Revenue from grid support
- Sales of V2B technology + EV's



EXPANSION POSSIBILITIES

- **Costco** : Energy provider for
- New clustered housing in the Mall
- Market rate + Affordable
- Micro to Macro E-Mobility Service
+
Goods Delivery Services
+
Energy Delivery Services (EaaS)
- Transit Oriented (S.M.A.R.T. Rail)
- Ancillary Grid / Microgrid Services
with stationary + mobile storage



V2X : Take your Power HOME / Share with your neighbors



OSSIACO dcbel = V2X for EVERYONE

We deliver energy so you can
live a life without compromise.



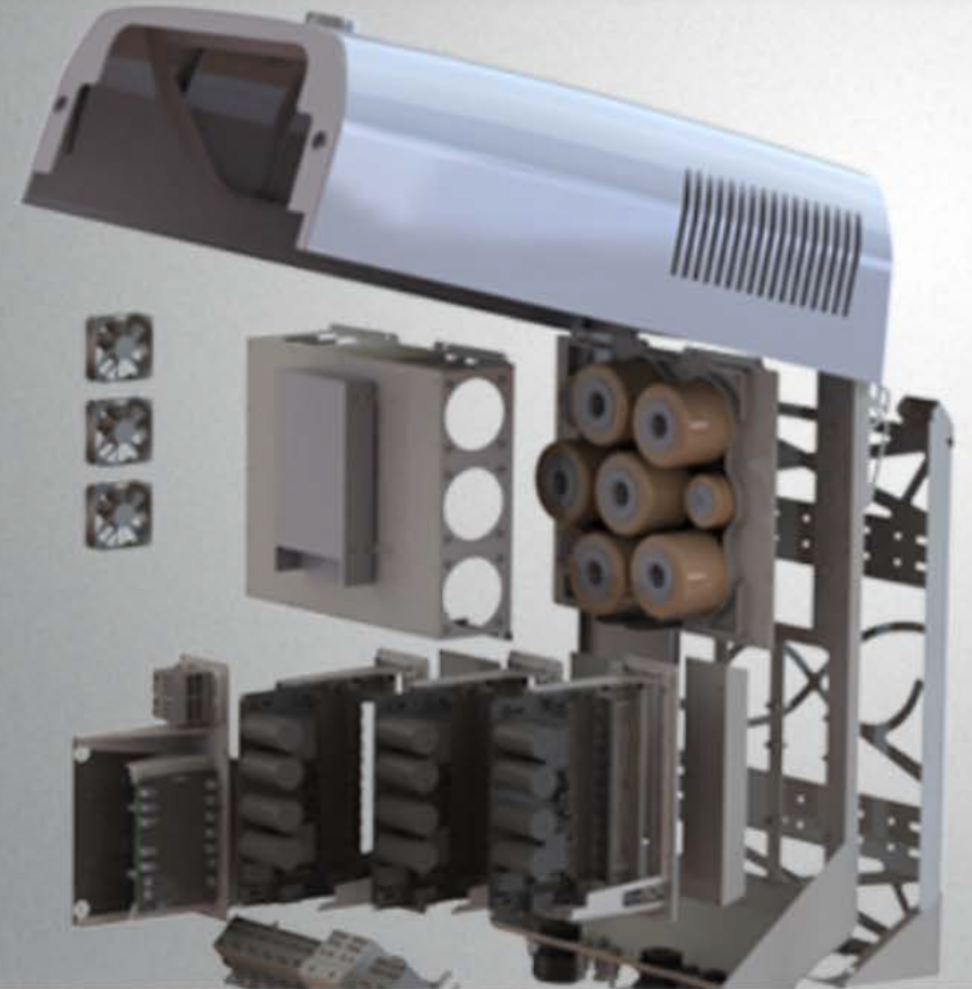
You will never look at energy the same way

2017 IEEE Awards : Best New Approach - Best Thesis

Award-Winning, Patented Technology

Explore what makes dcbel™ different.

[Learn More](#)



IEEE Award-Winning Technology

IEEE Best New Approach 2017



Best Thesis Award 2017



+200 Patents



+50 Technical Publications

dcbel



The first residential DC charger + Solar Inverter in the world.



Fastest residential EV charger in the world :
60 miles of range in 60 minutes of charge at home.

Powerful 21kW solar inverter reduces Net Zero home cost.

Bidirectional flow allows your EV to act as backup generator.

Unique Orchestrate™ technology that takes care of your home energy while minimizing battery degradation.

dcbel - ux

Unparalleled User Experience

UX Design inspired by Fred Faubert (World class game designer – Lego / Disney / Pixar)
Design inspired by Paul Deutschman (Corvette Calloway and Porsche Spexter designer)

The dcbel app screen displays a social ranking table. The table lists users and their scores. The dcbel logo is at the top.

Rank	User	Score
15	MyName	2788
16	Rick	2381
17	Fred	2122
18	YourName	2095
19	Franck	1955
20	Julie	1866
21	Marc	1803
22	Katrina	1777
23	Francisco	1659
24	Emily	1588

Orchestrate – Home / EV / Grid – Energy Management Platform



Your Home / Your EV / Your Power – wherever and whenever you want or need it





WIRES

OR



+



NON WIRES

STATIONARY VS MOBILE

Which is better?



Vs



Vs



It is TIME for energy to EVOLVE

THANK YOU

FOR

YOUR TIME!