



FOOTHILL-DE ANZA
Community College District

Office of the Chancellor

CHANCELLOR'S ADVISORY COUNCIL

Meeting Summary

March 16, 2018

Present: Judy Miner, Karen Chow, Bob Cormia, Robert Covington, Mayra Cruz, Isaac Escoto, Karen Hunter, Jim Kozelka, Gracian Lecue, Kristy Lisle, Kevin McElroy, Joe Moreau, Paula Norsell, Dorene Novotny, Kathy Perino, Frank Rocha, Marisa Spatafore, David Ulate, Chris White

I. Welcome

Chancellor Miner welcomed council members.

II. Approval of February 9, 2018, Meeting Summary

The February 9, 2018, Chancellor's Advisory Council (CAC) meeting summary was approved by consensus.

III. Proposed new/revised board policies (BP) and administrative procedures (AP)

New AP 5011 Admission and Concurrent Enrollment of High School and Other Young Students

Isaac and Karen Chow reported that the Academic and Professional Matters Committee approved the new admission and concurrent enrollment administrative procedure at a meeting held prior to the Chancellor's Advisory Council following approval by both college academic senates. The Chancellor's Advisory Council approved the administrative procedure by consensus.

New AP 5012 College and Career Access Pathways

Kristy shared information about Assembly Bill 288, the legislation that created opportunities for college and career pathways agreements between school and community college districts. Judy noted that the Academic and Professional Matters Committee postponed approval of the administrative procedure to provide the academic senates time to consider proposed additional language.

IV. Business Process Alignment Task Force

Joe asked for feedback regarding the draft charter and membership of the Business Process Alignment Task Force distributed at the last meeting. Karen Chow advised that the De Anza Academic Senate believed that the proposed membership lacked representation from faculty, especially counselors. She added that the senate thought that

students should be included, particularly those experiencing issues, like DACA students. Isaac indicated that the Foothill College Academic Senate agreed that counselors and student representatives should be included. In addition, Foothill's Academic Senate recommended inclusion of faculty representatives with online education and articulation knowledge. Paula reported that the Central Services Classified Senate felt strongly that the student voice should be represented on the task force. She also advised that the senate, while not advocating for every group to have equal representation, had noted the absence of a Central Services Classified Senate representative.

Kathy expressed concern that some of the areas the task force is considering could touch on subjects of bargaining. She asked that a Faculty Association representative be included in the membership.

Judy recommended that the task force invite subject matter experts as different areas are explored, and Karen Hunter suggested that subcommittees of the task force might look in depth at specific ideas and areas.

Joe commented that he hoped that most of the work of the task force could be completed online. He advised that he would send the revised membership list to the Chancellor's Advisory Council by email following the meeting and asked everyone to share any suggestions for areas of alignment that might be easy to address with him and Kevin McElroy. Isaac suggested that the task force look at having one transcript for both colleges and more unified communication in how the district is marketed.

V. Energy and Emissions Strategy Advisory Committee (PowerPoint presentation attached)

Energy Systems Manager Jim Kozelka and nanotechnology instructor Robert Cormia shared information regarding the Energy and Emissions Strategy Advisory Committee, which is working to identify ways to increase efficiency and reduce emissions and energy costs throughout the district. They outlined some of the actions currently being taken, plans to transition to a low carbon infrastructure, and funding options. Judy commented that if the district decides to pursue a construction bond measure, some of the funding could be used for energy efficiency projects that would reduce the amount of general fund money needed to cover energy expenses.

VI. Community outreach initiative

Judy provided an update regarding the district's community outreach initiative and asked for suggestions of groups or advisory committees that might be interested in giving input regarding district priorities. She invited council members and their constituents to complete the [Join the Conversation survey](#) on the district's website.

VII. Differences between parcel tax and general obligation bond measures

The council discussed parcel tax and general obligation bond requirements. Kevin shared some of the ways in which a general obligation bond measure could cover costs that would otherwise deplete the general fund. He explained that bond money could be used to retire the Flint Parking Garage renovation Certificates of Participation (COPs), an annual debt expense of \$1 million; fund maintenance, instructional equipment, and

computer refresh projects; and cover salaries of employees who perform administrative oversight work on bond construction projects. In response to questions from Kathy, Kevin advised that the COP debt is fairly long term and won't be paid off until approximately 2032, and Measure C bond funding is currently paying technology refresh costs, but there is only enough money left for another couple of years.

Kevin offered to meet with any groups interested in learning more about the differences between parcel tax and general obligation bond measures.

VIII. Enrollment management

Discussion of this item was postponed to the next meeting.

IX. District Governance Committee/Constituent Group Reports

District Budget Advisory Committee <http://www.fhda.edu/about-us/participatorygovernance/C-budget-advisory-committee.html>

No report given.

Human Resources Advisory Committee/District/District Diversity and Equity Advisory Committee <http://hr.fhda.edu/diversity/c-meeting-minutes-and-agendas.html>

No report given.

Educational Technology Advisory Committee <http://ets.fhda.edu/governance-committees/etac/index.html>

Joe reported that the Educational Technology Advisory Committee is working on the annual review and assessment of the Technology Plan and would look for Chancellor's Advisory Council to endorse revised goals and objectives in June.

De Anza College Academic Senate

Karen announced that the senate approved a two-tiered mini grant for Equity for Excellence projects that would allow faculty to be reimbursed for a coffee/lunch with at least two students or provide up to \$300 for a validation project.

De Anza College Classified Senate

Karen reported that the senate is in the process of finalizing a student support fund and identifying a basic skills class that will be furnished with supplies and books for one year.

Foothill College Academic Senate

Isaac advised that the senate met at the Pipe Trades Training Center in March and is developing an increasing sense of community.

VII I. Other Information and Updates

Marisa announced that De Anza College's new website will premiere May 1.

Mayra spoke about the opportunity to donate to a scholarship in memory of Christina Espinosa-Pieb's mother. She committed to sending the information to Paula for distribution to the council.

The meeting adjourned at 4:02 p.m.

Chancellor's Advisory Council

Energy & Emissions Strategy Advisory Committee (EESAC)

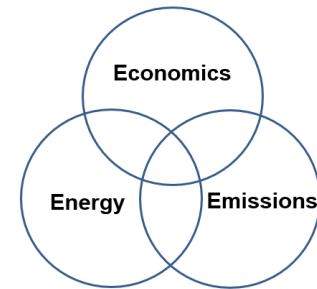
3.16.18



FOOTHILL-DE ANZA
Community College District

Overview

- EESAC committee: charter and makeup
- FHDA energy and emissions – where we are today
- FHDA's energy architecture – how it works
- Where we want to go => E³ principles
- A transition to a low carbon infrastructure
- Paths to get there, opportunities and costs



EESAC Charter and Goals

- Energy Master Plan (5 years)
- Energy asset inventory
- Plan for future infrastructure
- Review energy procurement / contracts
- Estimate GHG emissions next 5 yrs



EESAC Team

COMMITTEE

Kevin McElroy – Vice Chancellor

Steve Kitchen – Executive Director of Facilities

Jim Kozelka – FHDA Energy manager

Robert Cormia – Faculty Foothill College

William Roeder – Faculty De Anza College

ADVISORS

City of Cupertino – Misty Mersich*

Peninsula Clean Energy, Los Altos - Jan Pepper

Stanford University, Precourt Energy - James Sweeney

EDF (Electricity De France) Innovation Lab - Paul Breslow*

CA energy commissioner (former) – Jeff Byron*

*confirmed

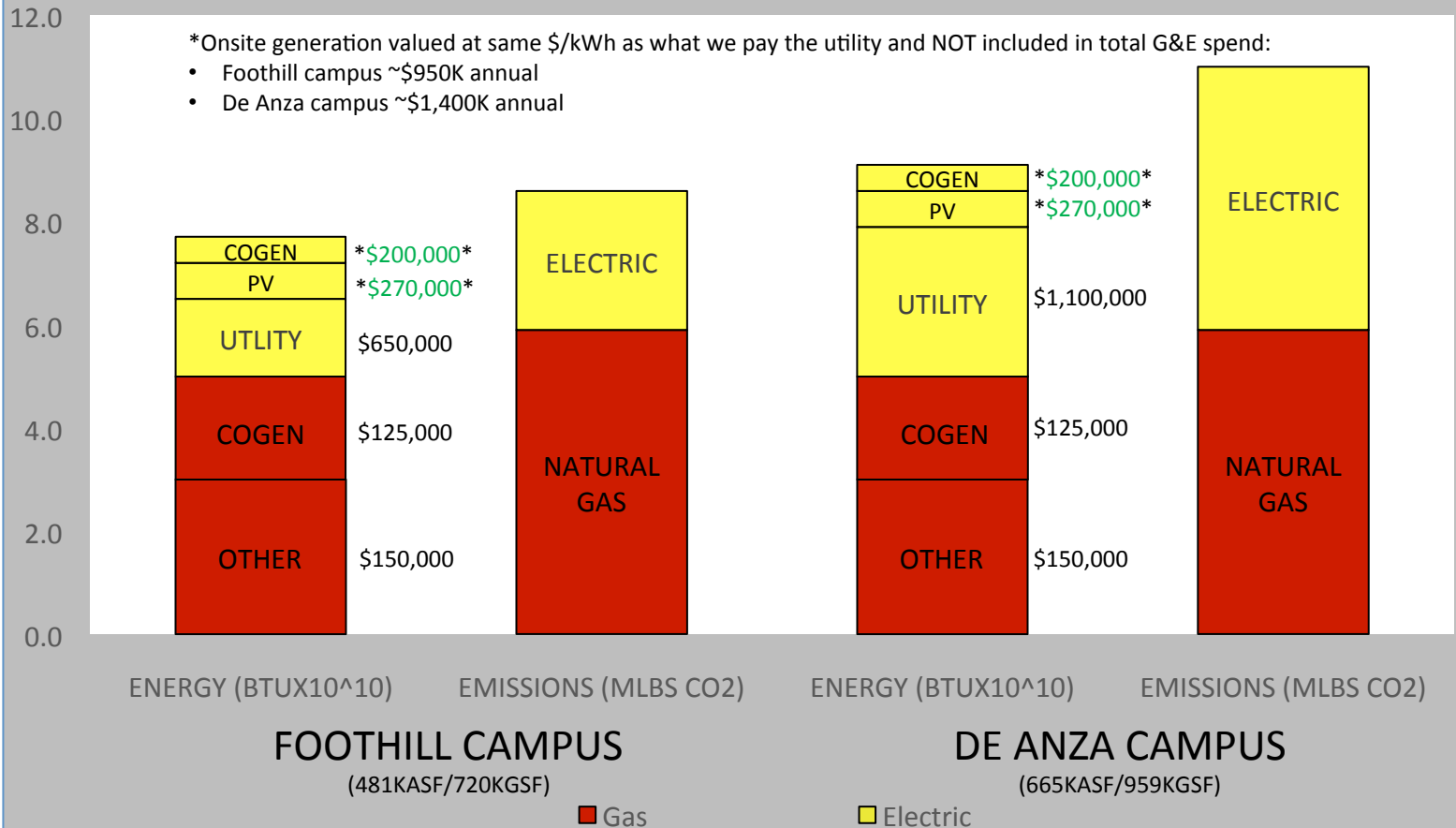


FOOTHILL-DE ANZA
Community College District

Where we are

- EUI – Energy Use Indices (FHDA Baseline VS Peers)
 - DA: normal high – 10-20% min reduction possible
 - FH: 15%-30% higher than DA
 - SEC: still tuning (comfort and energy)
 - Good news! great opportunities for improvement
- GHG Emissions
 - 2017 is 33% below 2008 (PV and CAISO electricity)
 - 2020 ~ 50% below 2008 (efficiency / lower carbon kWh)
 - 2022 ~ 60% below 2008 (efficiency / lower carbon kWh)

FOOTHILL-DE ANZA COMMUNITY COLLEGE DISTRICT ENERGY & EMISSIONS (2-YEAR APPROX. AVERAGE)



What we are doing

- DG assets – PV & Cogens - operating AOK
- Prop 39
 - Boilers and Cooling Equip. - DA
 - LED Lighting – FH Gyms and under eave, DA all Exterior
 - RCx CHW and HW plants, Lab Buildings (energy hogs)
- BMS (Building Management System) tuning
- Turning stuff off.



FOOTHILL-DE ANZA
Community College District

What do we want to do?

- Energy Efficiency
 - LED Lighting – everywhere
 - Building Management System (BMS) – “optimize” until replace
 - New primary equipment (also R&R aging infrastructure)
 - Plug loads - difficult
 - Pools – (large consumers)
 - ***Covers!**
 - Solar thermal?
 - More efficient (20-30%) cogen?
 - Heat pump?
- ***Energy Storage**
- More PV?
- Purchase 100% Clean Electricity?
- Electrification – replace boilers/chillers with heat pumps?

*** Preliminary cost/benefit analysis. Incentive opportunities limited**



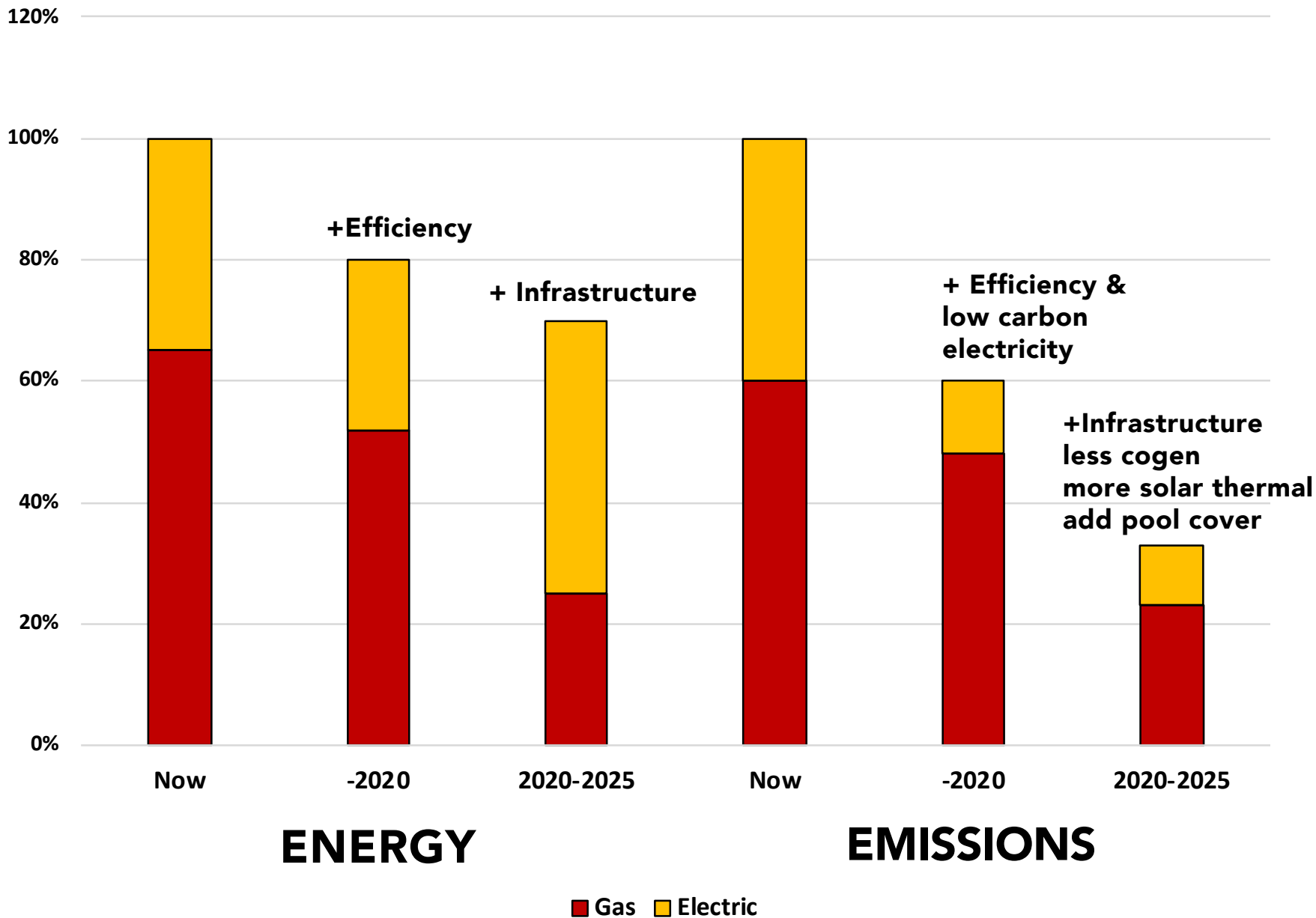
What do we want to do?

- ***POOL COVERS – FH (lap) + DA (lap and dive)**
 - Budget cost - \$60K
 - Budget PGE incentive - \$48K
 - FHDACCD out of pocket - \$12K (Prop 39?)
 - Budget first year savings - \$60K
 - Other – Who pulls them on/off?
- ***Energy Storage – “PPA” = BOOM service, Parts and Smarts**
 - Budget cost - \$0
 - Budget savings
 - SGIP incentive tranche II potential savings \$35K/yr
 - SGIP incentive tranche III potential savings \$25K/yr

* Preliminary cost / potential benefit analysis. Incentive opportunities limited



ENERGY & EMISSIONS TRANSITION MODEL



How do we fund it?

- CEC (California Energy Commission) and Utility
 - Grants, incentives, rebates
- Future FHDACCD funding measures
- Private funding (R&D) and technology, etc. (pilots)
- PPA and energy performance contracts



Closing Thoughts

- FHDA CCD leads with a strong commitment to sustainability, energy use, and GHG management
- We have a strong team, advanced analytical tools, and opportunities to design a new energy system
- An energy master plan is an evolving document
- In addition to funding projects through a bond, new business models for energy systems are emerging
- We are at a pivot point for reducing energy and carbon emissions, through considered investments

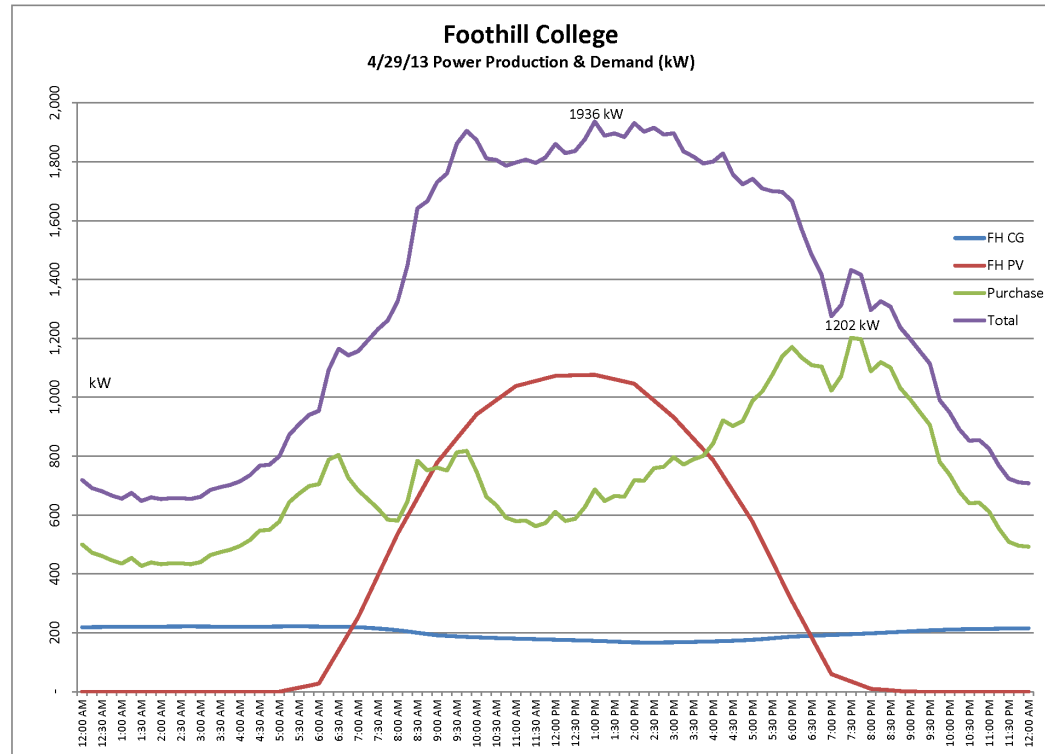


Pocket Slides

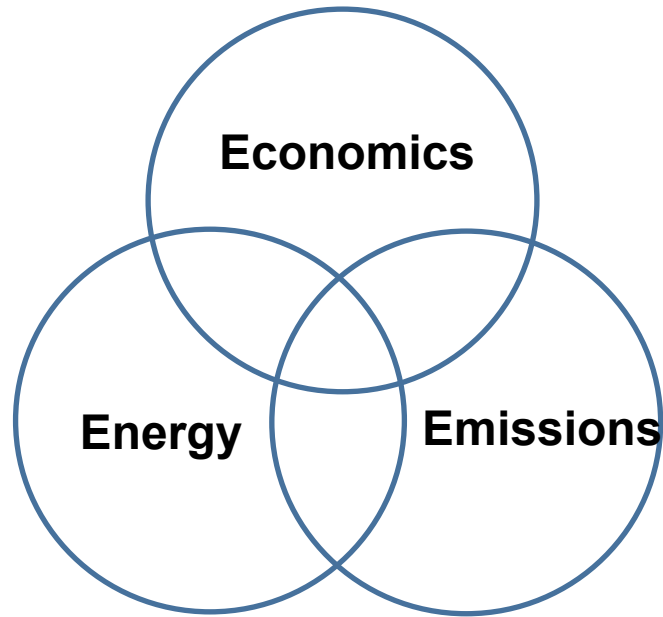


FOOTHILL-DE ANZA
Community College District

Where we are (cont.): Electric Load Profile



Guiding Principles – E³



FOOTHILL-DE ANZA
Community College District

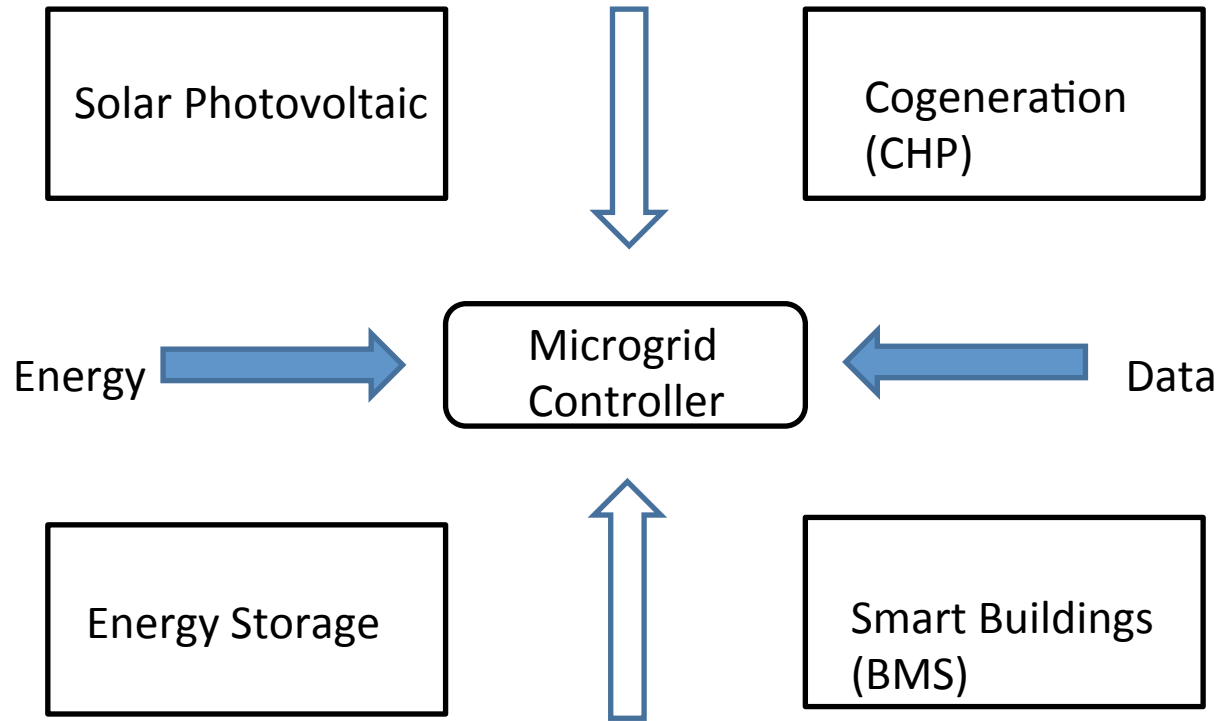
Where we want to go

- E³ principles: energy, economics, and emissions
- Lower energy use through energy efficiency
- Stable and predictable energy costs
- Significantly reduced carbon emissions
- Energy systems that can grow and evolve
- Provide leadership to our surrounding community



How Do we get there?

Microgrid Architecture



How do we get there? STRATEGY

- Reducing Energy Use Intensity (**EUI**)
- Investment grade energy audits
- Building management systems / controls
- Advanced analytics and energy information
- Dynamic control of power and energy
- Procurement of low carbon electricity contracts
- Reduce and optimize natural gas use



Next Steps

- Investment Grade Audit
- Identify Future Loads - Electrification
 - EV Charging
 - Heat pumps
- Energy Storage
- Utility Rate Analysis
- Power Systems Modeling



FOOTHILL-DE ANZA
Community College District