DOCKETED	
Docket Number:	24-OPT-02
Project Title:	Compass Energy Storage Project
TN #:	266278
Document Title:	CPRA REQUEST EMAIL BARNES, GABEL DISCUSS BESS BATTERY STORAGE EXISTING AND FUTURE AT SOCCCD
Description:	This is a summary of the BESS facilities on campus and planned which shows a knowledge and appreciation of dangers on campus which mentions fire suppression and actions to be taken in the event of a fire. This was not mentioned at the Trustee meeting that occurred 3 days later.
Filer:	Carl James David
Organization:	Veteran Resident of Laguna Niguel
Submitter Role:	Public
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From: Ann-Marie Gabel <agabel@socccd.edu>
Sent: Tuesday, April 22, 2025 6:03:20 PM
To: Julianna Barnes <jbarnes@socccd.edu>; Elliot Stern <estern@saddleback.edu>
Cc: Ryan Brook <rbrook@socccd.edu>
Subject: RE: Compass Energy

Hi Julie,

Please see below for more information related to our battery storage:

Existing Battery Storage:

ATEP IDEA- In addition to the 54.6 kW of Solar on the IDEA building which provides energy for approximately 1/3 of the building, there is a 66kW Battery Energy Storage System that was designed to reduce peak demands for the building.

We utilize Lithium-ion batteries. The batteries are currently stored on the second-floor electrical room that is air conditioned and has a sprinkler system.

IVC- In addition to the 960kW of Solar Canopies installed at Parking Lot 6, 1050 kW of Battery Energy Storage System was constructed after a Southern California Edison (SCE) meter consolidation, so the system serves the entirety of the campus. The system will help reduce demand charge especially during the summer peak periods. We utilize Lithium-ion batteries. The batteries are currently stored outside, next to PAC building, in a self-contained modular rack system with built-in exhausts. The system is in a secured fenced off yard.

- Future Battery Storage Projects *(In Design):*

Saddleback- two phases of Battery Energy Storage Systems (BESS) are installed in conjunction that will help to manage fluctuating energy demands, store excess energy inmultiple phases and provide backup power during grid outages. With the decommissioning of the Cogen facility at the central plant, BESS will be critical in the management of the campus loads and providing a sustainable, stability/resilience.

- The gross total of the energy storage will be approximately 3.9 MW.
- We will utilize Lithium-ion batteries. The batteries will be stored outside, next to the Central Plant building/Lot 4, in a self-contained modular rack system with built-in exhausts and a fire suppression system. The fire suppression system will most likely be a dry system, similar to the ones we see in data centers. We are also considering possibly tying it to the campus fire alarm system. So, if the temperature rises, the fire alarm would get triggered before the fire suppression system kicks in. The idea is that it would notify the central station and allow us to shut the system down before it's too late. The system will be secured in a fenced off yard.
- Let me know if this is what you were looking for or if you have any other questions. Thanks,

Ann-Marie

Ann-Marie Gabel I *Vice Chancellor of Business Services* South Orange County Community College District 28000 Marguerite Pkwy, Mission Viejo, CA 92692
Phone: (949)582-4664 I Email: agabel@socccd.edu

From: Julianna Barnes <jbarnes@socccd.edu>
Sent: Monday, April 21, 2025 1:19 PM
To: Elliot Stern <estern@saddleback.edu>
Cc: Ann-Marie Gabel <agabel@socccd.edu>; Ryan Brook <rbrook@socccd.edu>
Subject: Compass Energy

Elliot,

At CEC this morning you mentioned something about no previous fires having occurred in the past with similar batter projects. Could you please share with me where you got this information?
Carolyn asked if I had heard about any issues with these kinds of projects.
Also, Ann-Marie, you mentioned that we also use something similar in the SOCCCD, albeit not as expansive as Compass' project. Could you please share a little more about that?

Thanks, Julie

Julianna M. Asperin Barnes, Ed.D