

FACILITIES ADVISORY COMMITTEE MEETING NOTES

MAY 14TH 2018, 10:00 – 12:00

- PRESENT:**
- Andi Fejeran Sims, Director, Student Life
 - Ashley Gallegos, Facilities Planning & Mgmt.
 - Brian Moon, Student Representative, Student Life
 - Sienna Machado-Hidalgo, Student Representative, Student Life
 - Eric Kaljumagi, Professor, Learning Assistance
 - Gary Nellesen, Director, Facilities Planning & Mgmt.
 - Johnny Jauregui, Lead Chemical Specialist, Facilities Planning & Mgmt.
 - Joumana McGowan, Associate Vice President, Instruction
 - Kevin Owen, Assistant Director, Technical Services
 - Marc Ruh, Professor/Assistant Athletic Director, Kinesiology, Athletics, and Dance Division
 - Melissa Cone, Executive Assistant I, Fiscal Services
 - Mika Klein, Sr. Facilities Planner, Facilities Planning & Mgmt.
- ABSENT:**
- Bill Rawlings, Coordinator, Computer Facilities
 - Student Services Representative Vacant (TBD)
- GUESTS:**
- Bill Asher, Assistant Director, Facilities Planning & Mgmt.
 - Chisa Uyeki, Librarian, Learning Resources
 - Chris Briggs, Professor, Biology
 - Eera Babiwale, VP of Sustainability, HMC Architects

SUMMARY OF DISCUSSION:

1. REVIEW OF PREVIOUS MEETING NOTES / MEETING HANDOUTS

- A. Gary reviewed the notes from the April 9th meeting with the group.
 - Gary noted that due to time constraints the IIIB review agenda items will be moved to a future meeting.
- B. The following handouts/presentations were reviewed:
 - Measure RR Bond Quarterly Financial Report prepared for the Citizen's Oversight Committee (COC)
 - The Draft 2018 Climate Action Plan prepared by the Climate Commitment Implementation Committee (CCIC)
 - Energy Conservation Projects prepare for the Special Board Study Session presented on May 9th, 2018

2. THE 2018 CLIMATE ACTION PLAN (CAP) (IIIB)

- A. Gary introduced guests Chisa Uyeki and Chris Briggs members of the Climate Commitment Implementation Committee (CCIC). Chisa provided the group with a brief history of the committee and its goals:
 - In 2014 the Academic Senate passed Senate Resolution 14-05, in support of the college joining the American College and University Presidents' Climate Commitment (ACUPCC). President Scroggins signed this climate commitment in August, 2014.
 - One of goals of the CCIC is to implement the required elements that includes the development of a Climate Action Plan (CAP). The CAP includes steps to integrate sustainability into the curriculum, research, and community engagement.

B. Eera Babiwale, from HMC Architects who is a consultant working with the CCIC provided a detailed overview of the (CAP) with the group. This document will be presented to the Board on June 27, 2018. This document presents the vision and strategies for Mt. SAC to become a net zero carbon emissions campus. The (CAP) is located on the website at [Climate Action Plan](#) .

C. Scope 1&2: Energy: Predicted (GHG) Emission Trends and Phased Emissions Reductions

- **Phase 1: 20% Reduction in GHG Emissions by 2025** by implementing the following:
 - All new buildings on campus to perform at least 15% better than the California Code of Regulations Title 24 Requirements
 - All new buildings 10,000 sq. ft. or larger to target a Leadership in Energy and Environmental Design (LEED) GOLD rating
 - Retrofit/upgrade exterior lighting to LED; upgrade existing HVAC systems and lighting controls
 - BioPCM in ceilings to assist with heating and cooling, meters to monitor heating/cooling systems
 - Provide a Photovoltaic (PV) capable system on the top of proposed Parking Structure S to offset 472,750 lbs of carbon
- **Phase 2: 50% Reduction in GHG Emissions by the year 2035** by implementing the following:
 - Ongoing energy conservation measures which include all existing buildings to perform at least 10% better than Title 24 Requirements
 - Photovoltaic (PV) capable system installed where feasible.
 - Purchase Renewable Energy Credits RECs to offset campus emissions
- **Phase 3: 100% Reduction in GHG Emissions by the year 2050** by implementing the following:
 - Ongoing energy conservation measures
 - Expand Photovoltaic (PV) systems include system integration (smart-grid).
 - Purchase Renewable Energy Credits (REC's) to offset all remaining campus emissions.

D. Scope 3: Emissions from Transportation

- **Phase 1: 20% Reduction in GHG Emissions by 2025** by implementing the following:
 - The Transit Center project
 - Coordination with Foothill Transit regarding schedules, student data and safety infrastructure
 - Increase access to alternate modes of transportation (ride sharing, carpooling, mass transit)
 - Promotion of bus passes and smart phone apps for carpooling
 - Incentives for car/vanpooling
 - Partner with shoe/bike companies for student discounts/sponsor contests between student run clubs to develop promotional material for alternative modes of transportation
 - Provide a shuttle service to nearest Metro Gold Line Station.
- **Phase 2: 50% Reduction in GHG Emissions by 2035** by implementing the following:
 - Increase access to alternate modes of transportation (ride sharing, carpooling, mass transit)
 - Off peak travel period scheduling
 - Contacting local auto dealerships for discounts on clean energy vehicles
 - Rental bike programs
 - Enhance existing bike infrastructure such as a "Bike Center"
 - Design pedestrian enhancements to provide separation from vehicle traffic
 - Improve campus Fleet & Travel
- **Phase 3: 100% Reduction in GHG Emissions by 2050** by implementing the following:
 - Increase access to alternate modes of transportation (ride sharing, carpooling, mass transit)
 - Work with surrounding communities to develop options for student housing
 - Solar panels on top of all parking lots/structures
 - Work with local entities to promote autonomous vehicle use to/from school
 - 100% clean fleet

E. Scope 3 Continued: Emissions from Waste

- **Phase 1: 20% Reduction in GHG Emissions by 2025** by implementing the following:
 - Sustainable food purchasing
 - Revisit contract with existing trash hauling agency

- Improve recycling/waste receptacles on campus
 - End use of styrofoam and straw use on campus
 - Bottle filling stations throughout campus
 - Make more processes paperless
 - RecycleMania
 - E-Waste collections
 - Furniture Reuse Program
 - **Phase 2: 50% Reduction in GHG Emissions by 2035** by implementing the following:
 - Provide an Anaerobic Biodigester on campus - small scale
 - 100% construction waste management
 - Replace plastic place settings and plastic bottles on campus
 - **Phase 3: 100% Reduction in GHG Emissions by 2050** by implementing the following:
 - Provide an Anaerobic Biodigester on campus - large scale
- F. Gary reviewed with the group the handout from the Special Board Study Session presented on May 9th, 2018 titled Energy Conservation Projects Proposition 39 Requirements.
- This packet reviews energy use and funding for specific projects. It also lists a three (3) year average to help establish a benchmark for campus energy.
 - Conclusions:
 - Energy efficiency has a measurable impact
 - Future Prop 39 funding is unclear
 - There are opportunities for continued success

3. MEASURE RR BOND QUARTERLY FINANCIAL REPORT

- A. Gary reviewed the Quarterly Financial Report that was presented to the Citizen's Oversight Committee on May 3rd 2018 the following was noted:
- Project D Athletics Complex: this project sheet needs to be updated and replaced as the project total is listed at \$87,794,821 but the budget has been augmented to provide for actual contracts costs.

4. MAJOR PROJECT UPDATES

- A. Physical Education Project: Gary updated that Governor Brown's 2018-19 revised State budget includes funding for the planning and working drawings for the PEP Phase II. (PE Complex) (Gym + Wellness)
- B. Student Center: The project has been expanded to the west.
- C. Parking Structures R and S are anticipating completion of the CEQA work and certification of the Environmental Impact Report (EIR) to go to the Board January, 2019.

5. **MASTERPLAN UPDATE**

- A. The Draft 2018 Educational and Facilities Master Plan dated May 9th, 2018 is available for viewing on the Mt. SAC Website.

Future Meetings

Monday, June 11, 2017, 10:00 a.m. - 12:00 p.m.

Monday, July 9, 2018, 10:00 a.m. - 12:00 p.m.

Monday, August 13, 2018, 10:00 a.m. - 12:00 p.m.