

Resolution on Balanced Energy Use DRAFT 03.21.2021

1. Whereas climate change has produced droughts, floods, fires, hurricanes, polar ice melt, and rising ocean levels that threaten human existence,
2. Whereas the emission of atmospheric carbon dioxide from combustion of fossil fuels is the primary cause of climate change,
3. Whereas the Mt. San Antonio College Board of Trustees has adopted the 2018 Climate Action Plan,
4. Whereas the Mt. San Antonio College Board of Trustees has adopted the 2018 Educational and Facilities Master Plan with environmental sustainability as an embedded goal,
5. Whereas the Mt. San Antonio College Board of Trustees adopted both Effective Stewardship and Sustainability and Restoration as Core Values,

Therefore Be It Resolved that Mt. San Antonio College adopts the following Balanced Energy Solutions:

- A. Implement Solar Energy Electrical Power Generation strategically
 - On roof tops of parking garages,
 - On roof tops of newly constructed buildings were accessibility and maintenance permit,
 - On covered parking Canopies,

- On open campus ground which is not environmentally undisturbed and not located at sites designated for future facilities.

B. Reduce energy consumptions and external energy acquisition by

- Constructing new facilities at LEED Gold or LEED Silver at a minimum and in renovating existing facilities to reduce energy consumption,
- Installing electric vehicle charging stations and providing incentives for their use,
- Converting Mt. SAC vehicles to electric power when feasible, and
- Implementing strategies to increase use by employees and students of public transportation and ride sharing,

C. Provide for campus energy needs at peak periods or other circumstances in which solar electric energy production does not meet campus needs using other sources such as

- Natural gas powered electrical energy co-generation.
- High capacity battery storage, and
- Other emerging technology such as hydrogen fuel cells.