



Board of Directors Meeting Minutes

Thursday October 17, 2019
1:00 pm – 3:00 pm

Center for Sustainable Energy
3980 Sherman Street, Suite 170,
San Diego, CA 92110

Minutes

Attendees

- Rhona Matthews, CSE
- Kevin Wood, CSE
- Armin Jorgenson, CSE (Intern)
- Kyle Whatley, MTS
- Michael Wygant, MTS
- Bradley Northup, County of San Diego
- Phil Gibbons, Port of San Diego
- Susan Freedman, SANDAG
- Matthew Cleary, City of San Diego
- Kathleen Keehan, SD APCD
- Chad Reese, San Diego International Airport
- James Steel, City of La Mesa - Phone
- Randy Schimka, SDGE - Phone
- Tom Bartley, EXPO Propane - Phone

Review of Minutes* – Susan Freedman

- Approved after fixing grammatical error and typos.
- Things to note for future minutes:
 - Permission from guest speakers to link PowerPoint on Clean Cities Website
 - Place Board meeting minutes on the Clean Cities website as well
 - Armin to add slide decks future meetings
- Motion to approve: Matthew Cleary
- Second: Phil Gibbons
- Motion passes after all in favor

Treasurer's Report – Tom Bartley

- End of September: \$55,314.70
- Survey results will determine how money is spent
- Matthew: Need an invoice for membership dues
- Kevin: Sent invoices out earlier this year, will send the City an invoice

- County of San Diego needs an invoice
- Kevin: Invoicing for 2020 will occur in December
 - Autogas Answers paid for all workshop food expenses. The account will not be affected by the workshop expenses.

Coordinator's Report – Kevin Wood/Rhona Matthews

- Recent Activities
 - New Intern
- Kevin presented at the following events:
 - AB 617 Steering Committee - July
 - MEMA SoCal - July
 - CPUC/CEC EV Permitting Workshop –Sacramento, August
 - EVs and the Grid- LA, October
 - SDG&E SB 350 priority review projects PAC meeting
- Technical Assistance
 - La Mesa Fleet Vehicle options
 - Apartment condos on EV Charging
- Letters of Support
 - For SANDAG on Regional Charger Management (to Caltrans)
 - For San Diego Unified School District for Zero Emission Mobility in Schools (to ARB)
- National Event Round Up
 - Assistant Secretary gave the keynote, mentioned energy affordability and domestic energy were the administration's top priorities. Said energy was essential to our way of life.
 - Energy Efficient Mobility Systems - a DOE focus, although few coalitions have firm programs in this space yet.
 - RNG projects are growing interest around the country. However, the value of RFS credits has been hurt by Trump admin waivers. LCFS and Oregon programs remain strong.
 - The San Diego Coalition received recognition for RNG use, one of the top 3 coalitions in the country in terms of RNG volume - Thanks to MTS and UCSD
 - Contract for 2020 will look very similar to 2019

Policy Update – Kevin Wood

- **AB 1100 (Kamlager-Dove, Statutes of 2019)** – This bill recognizes dedicated EV charging spaces as standard parking spaces for the purpose of satisfying minimum parking requirements established by local jurisdictions.
 - This bill was signed by the Governor and chaptered by the Secretary of State on October 12, 2019.
- **CARB EVSE Standards rulemaking** – CARB is in the process of adopting regulations to require all public EV charging stations to include interoperable billing standards and clear information on electricity prices. Pushed back requirement to retrofit existing installed EVSE with credit card readers.

- This regulation is not yet in effect. While CARB passed Resolution 19-17 on June 27, 2019, which approved the proposed regulatory changes, the regulation has not yet been approved by the Office of Administrative Law.
- **AB 423 (Gloria, Statutes of 2019)** – This bill reforms the San Diego APCD with City and public representatives on the board it also:
 - Requires website separate from the County with more transparency
 - Mandates review of past programs
 - Encourage adoption of new rules
 - This bill was signed by the Governor and chaptered by the Secretary of State on October 11, 2019.
 - Commentary (Kathy):
 - New 11 members board from regional representatives
 - Figuring out over the next year
 - Requires an audit for the entire department
 - Working out transition over the next year

Events Update – Rhona Matthews

- 2 UCSD Site Visits
- 1 Newleaf Biofuel Site Visit
- Autogas Answers Workshop

Board Member Survey Results and Discussion – All Members

- Goal of understanding motivations for coalition participation and opportunities to engage more
- 12 Responses
- Number of Questions limited by Survey Monkey- Did not fully capture identity of all respondents
 - Missing questions on best communications options
 - Do not want to connect via text
 - Sharepoint, Google Drive, and Dropbox cannot be used for the board
 - Add membership contact lists to the website
 - Budget options to fund: student, college scholarships, activities
- **Next Steps**
 - LCFS education event
 - Form subcommittee
 - Find out what other coalitions are doing and the subcommittees they have
 - CC Staff to send out survey to general public
 - Within the next month – early November

Member Updates – All Members

- Phil Gibbons, Port of San Diego
 - LCFS Program
 - Shore power
 - Partnered with Dole
 - Sold 1000 credits for quarter 2
 - \$200,000

- Released an RFP and are hiring a firm to manage the credits
 - The brokerage firm sells and buys at the right times
 - Firm name: Bluesource LLC
 - Lesson Learned
 - SDGE - SB 350 charging infrastructure: Pay special attention to the rate you get on
 - Customer was on a high rate and paid a lot of money and we had to work with SDGE and figure out the right rate
 - Port industry
 - LA and Long Beach conducted feasibility studies on commercial viability on electric
 - The Port is updating the air quality plan due to changes in the regulatory environment.
 - Updating plan to reflect typical sources of emissions in a port environment and discuss the challenges with new technologies and fuel available to reduce those emissions
- Kathleen Keehan, SD APCD
 - APCD will be putting together a new board
 - Received 287 applications for equipment and are currently processing applications to confirm all information
 - Moyer, FARMER Incentive Program, AB 617
 - APCD is excited about the projects and have received more requests for money than money available
 - County just adopted EV roadmap
 - Clean Car for All
 - Introductory board letter
 - Incentivize near zero and zero emissions vehicles for disadvantaged communities
 - Anyone who applied will receive a response in 30 business days
- Chad Reese, San Diego International Airport
 - Electric buses:
 - 26 electric cut-away correlates to replace propane shuttles around Q1-2 CY 2020
 - 4 electric transit buses by around the end of 2020
 - Bus infrastructure study
 - Tracking SDG&E MD/HD program as an opportunity
 - Still pursuing dyed (off-road) renewable diesel (REG) - tax implications
 - LCFS - exploring opportunity to be generating credits for EVSE
 - Brought in the APCD to SAN airline station managers to discuss grant opportunities
 - Should hear from APCD in: 30 days of GFO
 - Exploring options to replace CNG runway sweeper; one early stage hydrogen fuel cell sweeper on the market, but \$1M - \$1.5

- Staff in Sacramento tomorrow in support of SFO, airline OEMs, and others to educate legislators on sustainable aviation fuel (SAF)
- SAN is “Carbon Neutral” in terms of Scope 1, Scope 2, and Staff Business Travel
- 2 MW/4MWh BESS by the middle of next year
- Michael Wygant, MTS
 - Procuring a fuel cell bus or 2. Currently working on infrastructure challenges and logistics
 - Exempt from sales tax 2024 8487 Bill – trucks or bus
 - MTS will be having a press conference at the end of the month
 - Will be showcasing new buses and chargers before they are used in December
 - MTS will be hosting a CARB private meeting with SANDAG
- Kyle Whatley, MTS
 - Chargers are in and energized at MTS!
 - Commissioning with the buses
 - 4 out of 6 New Flyer buses on site
 - The Acceptance process takes a couple weeks, but MTS is expediting it
 - MTS is currently training bus drivers with how battery electric buses operate
 - Charging the buses: rated at 52.5 kilowatts/hour
 - Color: Bright/lime green
 - Media event on the 30th
 - Can host a site visit for the board if the board is not available for the media event on the 30th
- Bradley Northrup, County of San Diego
 - Approved EV roadmap
 - All measures and recommendations were approved
 - County fleet expansion of current fleet. Current fleet is 250 but will double by 2025
 - New hire will be joining the team to expand capabilities of county
 - Grant writing, outreach, project
 - The county will be pursuing workplace charging and will be incentivizing employees
 - Goal is to have 2000 chargers within the region in the next five years
- Matthew Cleary, City of San Diego
 - Director of fleet operations is now Deputy Chief Operating Officer
 - No longer with the fleet
 - City CNG infrastructure for refuse fleet completed
 - Total CNG nozzles to 140 vehicles
 - 68 of the 133 trash trucks converted to CNG
 - Fleet operations received an award for bring 38th in the 100 Best Green Fleets
 - The City continues to order and receive hybrid and electric vehicles
 - Hybrid police interceptors on order
 - Handling recall before initiate delivery

- 30 plug in electric hybrid
- First 12 electric vehicles on order
 - 8 Bolts for rental pool and 4 for parking enforcement police units
- Kevin Wood and Rhona Matthews, CSE
 - Regional charger program
 - CVRP and HVIP Program changes

Next Board Meeting:

- Location Options: MTS and Mission Brewery *or* CSE and Modern Times Brewery
- December 2019

Adjourn