



CLIMATE ACTION COMMISSION REGULAR MEETING

Wednesday, March 17, 2021 5:30 PM

Teleconference Location Only-City Hall/Council Chambers, 635 S. Highway 101, Solana Beach, California
This meeting will be conducted in accordance with Governor Newsom's
Executive Order N-29-20 related to the COVID-19 virus.

MEETING LOCATION WILL NOT BE OPEN TO THE PUBLIC. Due to the Executive Order to stay home, in person participation at this meeting will not be allowed at this time. In accordance with the Executive Order to stay home, there will be no members of the public in attendance at this meeting. Alternatives to in-person attendance for viewing and participating in meetings are being provided under Public Participation.

1. **CALL TO ORDER**
2. **APPROVAL OF THE AGENDA**
3. **APPROVAL OF MINUTES OF PAST MEETING**
 - A. **February 17, 2021 Meeting**
4. **PUBLIC COMMENT**
5. **UPDATE FROM SUBCOMMITTEES:**
 - A. **SOCIAL EQUITY-NO UPDATE**
 - B. **PUBLIC OUTREACH**
 - C. **DECARBONIZATION STRATEGIES – NO UPDATE**
 - D. **BUILDING ELECTRIFICATION WORKSHOP-SUMMARY**
6. **DISCUSSION - ENERGY INNOVATION BILL (HR763) AND RECOMMENDATION TO COUNCIL**
7. **CAC INPUT TO CITY WORK PLAN**
8. **CCA UPDATE BY STAFF**
9. **NEW/PROPOSED BUSINESS:** New or proposed business provides an opportunity for Commissioners to discuss items not on the agenda but that may be added to the CAC agenda/workload at a future date. Pursuant to the Brown Act, there will be no action taken on these items. All new/proposed business will be placed on a CAC agenda with the approval of the City Manager.
10. **ADJOURNMENT**

* **PUBLIC PARTICIPATION** –Public comments at an open session meeting may only be made by submitting them via written correspondence to Tiffany Wade at twade@cosb.org by 12:00 PM before the meeting. Oral comments will not be allowed at the meeting. Members of the public who would like to listen to the meeting may do so using the following Zoom link:

<https://us02web.zoom.us/j/86065806155?pwd=dThvTnJCNVN6YnNieGIHZHZOemFJUT09> Passcode: 771268.

The designated location for viewing public documents is the City's website www.cityofsolanabeach.org.

CLIMATE ACTION COMMISSION

RECOMMENDATIONS TO CITY COUNCIL FOR INCLUSION IN WORKPLAN

DRAFT MARCH 11, 2020

REVISED APRIL 23, 2020

SUMMARY OF RECOMMENDED WORKPLAN PRIORITIES (Level One)

- 1. Electric Vehicle Charging*** – & related EV actions (T-1,5,8), REACH, parking for Fuel Efficient Vehicles (T-5), bicycles (T-10)
- 2. Buildings/Renewable Energy***
 - solar PV/hot water (E-2 thru E-5)
 - building electrification/decarb – explore two-tier Santa Monica -type (E-6)
- 3. Educational Outreach** – re: CAP programs & goals (bundle)
- 4. Social Equity** – amend CAP to include equity chapter
- 5. Climate Emergency Declaration** – support Declaration and any required or suggested actions in the Declaration
- 6. Community Choice Energy** – continue path to CEA

* Identify advisor/consultant for Reach code; can be pro-bono

SUMMARY OF RECOMMENDED WORKPLAN ACTIONS

Additions to Unprioritized items (Level Two)

7. Trees – expand canopy citywide (Measure U-1, 3 items)

8. Disposable Plastics –

- continue implementation of 2019 ordinance
- scan best practices & add new round of complementary restrictions (e.g., disposable cup fee (Berkeley))

9. Organic Waste - Help implement SB1383 reductions in organic waste; work with EDCO.

10. Harmonize Workplan / CAP – Review City's Workplan items (proposed and existing) so they support the CAP goals.

SUMMARY OF RECOMMENDED WORKPLAN ACTIONS

Additions to Unprioritized Items (Level Two)(con't)

11. Explore a Legally Binding CAP

12. Implement Policies that Support Energy Storage & Microgrids

13. Cease Doing Business with Banks that Support Fossil Projects

14. Prepare Strategy for Net Zero Carbon City-wide (e.g. xxx)

15. Summarize and Implement Lessons Learned from Coronavirus Emergency.

OVERALL RECOMMENDATIONS

1. Prioritize in the Workplan the actions specifically identified in this document as “priorities” or “prioritized actions” (summarized in slide 2).
2. Include as “Unprioritized” the items labeled as such (slides 3-4), and all other “Ongoing” and “Short Term” actions as listed in the “Solana Beach CAP Implementation Plan: Implementation Timeline Summary Tables”, attached.

ELECTRIC VEHICLES & CCA – Prioritized Actions

Implementation Timeline	Measure	Action #	GHG MTCO _{2e} Reduction Potential (if all action items for measure implemented)	Action Name	Sector	Estimated Progress of GHG MTCO _{2e} Reduction	Action Item Progress
			17,495	Increase electric vehicles (EVs) and alternative fuel vehicles (AFVs) vehicle miles traveled (VMT) to 30 percent of total VMT	Transportation	0	
1. Short-Term	T-1	1.3		Collaborate with SANDAG to increase EVs in the region.			
1. Short-Term	T-1	1.4		Provide incentives for the City's residents to increase use of EVs.			
2. Mid-Term	T-1	1.5		Explore grant funding for EV chargers.			
2. Mid-Term	T-1	1.7		Explore barriers for EV charging for garage-free homes; install charging infrastructure integrated into streetlights; support use of electric bikes.			
3. Long-Term	T-1	1.1		Support public and private sector provisions of alternative fueling stations in the City and adjacent cities			
3. Long-Term	T-1	1.6		Advocate for an EV car sharing fleet network to serve the City.			
4. Ongoing	T-1	1.2		Require EV charging stations and EV charger-ready wiring in commercial/multi-family and residential structures (both new construction and substantial remodels) as follows: residential EV charger-ready wiring; commercial and multi-family EV charger-ready w			
	E-1		10,466	Implement a Community Choice Aggregation program, and provide 100 percent renewable energy by 2035	Energy	10,260	CCA implemented and will monitor progress toward 100% renewable as program progresses
1. Short-Term	E-1	1.3		Explore opportunities to source renewable energy – whether via CCA or otherwise – from our region.			
2. Mid-Term	E-1	1.4		Support statewide energy decarbonization, renewable energy, and similar initiatives and consider supporting the State call for federal carbon fee and dividend legislation, pending Council consideration and approval.			
4. Ongoing	E-1	1.1		Continue with implementation of a CCA to achieve the 100 percent renewable energy goal, based on the technical analysis conducted previously.			
4. Ongoing	E-1	1.2		Explore opportunities to collaborate with other cities in the region for a regional CCA for San Diego County.			
	E-2		5,858	Achieve 10.8 MW residential rooftop solar photovoltaic systems	Energy	0	

ELECTRIC VEHICLES – SUPPLEMENT

Measure T-1, Action 1.2:

“Require EV charging stations and EV charger-ready wiring in commercial/multi-family and residential structures (both new construction and substantial remodels) as follows: residential EV charger-ready wiring; commercial and multi-family EV charger-ready wiring at all garages; and EV chargers in quantities proportional to the total parking spaces available.”

Recommendation to Council Re Measure T-1, Action 1.2: Prioritize this action in the Workplan. Also engage a REACH consultant ASAP. And agendaize this action for preliminary discussion in the near term, that leads to final consideration of an ordinance by August 2020.

SOLAR POWER MEASURES (BUILDINGS/ENERGY)

GHG MTCO ₂ e Reduction Potential				
Measure	Action #	(if all action items for measure implemented)	Action Name	Sector
E-2		5,858	Achieve 10.8 MW residential rooftop solar photovoltaic systems	Energy
E-4		2,811	Install solar hot water heating at 20 percent of existing commercial spaces	Energy
E-3		1,085	Achieve 2 MW commercial rooftop solar photovoltaic systems	Energy
E-5		539	Install solar hot water heating at 25% of new homes and home retrofits	Energy

BUILDINGS/ENERGY – SUPPLEMENT

This recommendation concerns the following measures/actions:

- ▶ E-2, Action 2.5: “Explore the development of a mandatory ordinance requiring “solar ready” or the installation of solar PV systems for major remodel/renovation projects, pending Council consideration and approval.”
- ▶ E-3, Action 3.5: “Explore the development of a mandatory ordinance requiring “solar ready” or the installation of solar PV systems for new commercial development and major remodel/renovation projects, pending Council consideration and approval.”
- ▶ E-4, Action 4.3: “Explore the development of a mandatory ordinance requiring “solar ready” or the installation of SHWs for major remodel/renovation projects, pending Council consideration and approval.”

BUILDINGS/ENERGY – SUPPLEMENT (CON'T)

- ▶ E-5, Action 5.3: “Explore the development of an ordinance requiring installation of SHWs [Solar Hot Water Heaters] for new homes and major remodel/renovation projects.”
- ▶ **Recommendation to Council Re Above E-2 through E-5 Actions:** Prioritize these actions in the Workplan. Engage a REACH consultant ASAP. Agendize these Actions for preliminary discussion in the near term, that leads to final consideration of an ordinance by August 2020.
- ▶ **Recommendation to Council Re E-1 Actions (shown on the EV & CCA page previously):** Maintain priority status for CCA and the actions within Measure E-1.

BUILDINGS/ENERGY – SUPPLEMENT (con't)

- ▶ E-1, Action 1.4: Support statewide energy decarbonization, renewable energy, and similar initiatives and consider supporting the State call for federal carbon fee and dividend legislation, pending Council consideration and approval.
- ▶ ***Recommendation to Council Re Measure E-1, Action 1.4:*** This was assigned a “Mid-Term” time horizon. Recommendation is to change the action to “ongoing” – and prioritize it in the Workplan (along with the other E-1 actions).

Educational Outreach		
E-2	2.1	Work with SDG&E and local non-profit organizations, or through the City's CCA, to reach 100 percent of households annually with targeted educational and marketing materials (e.g., website or e-blast).
E-2	2.3	Conduct educational outreach to residents about incentives available for installation of PV systems.
W-1	1.4	Start and implement a pilot education program on organics recycling.
W-1	1.6	Provide public education to promote textile recycling (e.g., mattresses, carpets, clothing, and other
E-4	4.1	Work with SDG&E, or through a CCA, to reach 100 percent of businesses annually with targeted educational and marketing materials (e.g., website or
E-4	4.2	Promote the installation of SHWs by publicizing incentives, rebates, and financing options, such as PACE financing, CSIs, or CSI-Thermal Program, for existing commercial buildings by posting on the City's
E-3	3.1	Work with SDG&E, or through a CCA, to reach 100 percent of businesses and schools annually with targeted educational and marketing materials (e.g.,
E-3	3.3	Conduct educational outreach to local businesses about incentives available for installation of PV
U-1	1.2	Educate and encourage residents and businesses to maintain and care for existing trees and plant new
E-5	5.1	Work with SDG&E, or through a CCA, to reach 100 percent of households annually with targeted educational and marketing materials (e.g., website or
E-5	5.2	Promote the installation of SHWs by publicizing incentives, rebates, and financing options, such as PACE financing, CSI, or CSI-Thermal Program, for existing residential buildings by posting on the City's
T-5	5.4	Conduct outreach and education for the City's businesses and commercial property owners to encourage the conversion of private parking spaces
T-7	7.3	Work with local office-based businesses to encourage telecommuting. Telecommuting should not impede on normal business practices and may not be suitable for businesses that require physical employee presence, such as retail storefronts and

EDUCATIONAL OUTREACH (Recommended Priorities)

Many measures fall into "Outreach" categories and can be part of an ongoing effort

- Website
- Shorelines
- Other

TREES

Recommended Priorities U-1: Actions 1.1, 1.2, 1.3

Also applicable to Adaptation Measures – Prepare for Increased Wildfire

U-1		986	The City will achieve 30 percent of developed areas covered by urban tree canopy	CO2 Sequestration
U-1	1.2		Educate and encourage residents and businesses to maintain and care for existing trees and plant new trees.	
U-1	1.1		Implement the Urban Tree Planting Program to achieve the City's goal to cover 2,107 acres of developed areas with urban tree canopy by 2035. The program would require new development to plant trees to achieve an equivalent canopy coverage. Furthermore, the City would plant trees at City-owned properties and public areas to achieve the same canopy coverage. Public areas would cover open space, streets, and parking lots.	
U-1	1.3		Continue to research and monitor developments of Blue Carbon for sequestration.	

DISPOSABLE PLASTICS

Recommendation to Council: Prioritize implementation of 2019 ordinance restrictions and prepare next round of restrictions based on “best practices” scan of high performing jurisdictions. Present to Council for consideration and adoption by December 2020.

SOCIAL EQUITY & WORKPLAN ALIGNMENT WITH CAP

Social Equity: Prepare and adopt a social equity chapter for the CAP.

Alignment with CAP: Review every item in the Workplan to be sure that it supports the CAP goals. Implement a process to review proposed Workplan measures for alignment with CAP goals.

-- End of Document --