



Agenda

Building Appliances Implementation Working Group (IWG) Technical Subcommittee

Tuesday, July 11, 2023

1:00 PM – 3:00 PM PST

(Meeting will be held virtually via Zoom)

Meetings will not be Recorded

Zoom Meeting

<https://kearnswest.zoom.us/j/86510216180>

Meeting ID: 865 1021 6180

Item	Time	Topic	Description
1	1:00 pm	Welcome and Committee Introductions	Subcommittee members, staff and facilitators provide introductions <ul style="list-style-type: none">Name, Pronouns (optional/in Zoom name), Affiliation (if applicable)What “technical expertise” do you hope to bring to this committee?
2	1:15 pm	Group Agreements	Introduce Committee group agreements
3	1:25 pm	Draft Workplan	Introduce draft workplan including scope/objectives, timeline
4	1:40 pm	Technical Subcommittee Topics	Brainstorm on developing “current landscape” on major Technical Topics, including Miro Board input from May IWG meeting.
5	2:55 pm	Next Steps	Review action items & next steps <ul style="list-style-type: none">Follow-upInformation and document sharingNext Meeting
6	3:00 pm	Adjourn	

IMPLEMENTATION AREAS		
TOPICS	DRAFT GOALS	DRAFT OBJECTIVES
EQUITY		
WORKFORCE	Support sufficient and adequately trained workforce to install additional zero NOx appliances resulting from building appliance rules	#Grow pool of skilled workers to maintain and install zero NOx appliances #Create high-quality jobs with an emphasis on workers from LIDACs and from underserved populations
BENEFITS	Maximize residents' access to economic, health, and safety benefits, including climate resiliency, from zero NOx appliance installation	#Support economic, health and safety benefits, climate resiliency, for LIDACs
HOUSING IMPACTS	Minimize negative housing impacts from zero NOx appliance installation on Bay Area residents	#Minimize pass-through costs to renters #Protect residents from displacement (e.g., seniors, renters, etc.)
AFFORDABILITY	Support affordable zero NOx appliance installation for all Bay Area residents, particularly low and moderate income households, by rule compliance dates	#Available funding (incentives, rebates, tax credits, and/or low-interest financing) reduces total installation costs for low and moderate income households to parity with equivalent natural gas appliance #Funding is easily accesible to low and moderate income households

IMPLEMENTATION AREAS		
TOPICS	DRAFT GOALS	DRAFT OBJECTIVES
TECHNICAL		
COSTS	Understand all costs associated with zero NOx appliance installation in the Bay Area region	<ul style="list-style-type: none"> #Summarize updated costs associated with equipment, installation and operation of zero NOx appliances #Understand costs associated with infrastructure upgrades needed for installation
TECHNOLOGY	Find cost-effective zero NOx technology solutions for all use cases	<ul style="list-style-type: none"> Identify feasible and cost-effective solutions: #for challenging use cases (e.g., heat pumps in constrained spaces) #to avoid home infrastructure upgrades (e.g., panel upgrades) #to address emergency replacement
MARKET / WORKFORCE	Understand zero NOx technology market and trends	<ul style="list-style-type: none"> #Understand market/workforce availability and sales trends of different zero NOx technologies #List of zero NOx technology distributors and their product offerings #Understand supply chain issues
PERMITTING	Support streamlined permitting for installation of zero NOx appliances	#Fast, easy and coordinated permitting process to install zero NOx appliances at all utility, county/city, and community (e.g., HOA)

IMPLEMENTATION AREAS		
TOPICS	DRAFT GOALS	DRAFT OBJECTIVES
GRID		
GRID CAPACITY AND RELIABILITY	Understand and advocate for electric infrastructure readiness (grid capacity and reliability) to support zero NOx appliances	<ul style="list-style-type: none"> #Document goals and associated initiatives that address grid readiness #Provide analysis on grid capacity and reliability in the Bay Area and impacts from appliance electrification #Advocate for electric infrastructure readiness
RESIDENTIAL INTERCONNECTION	Understand and advocate for improving residential interconnection to support the installation of zero NOx appliances	<ul style="list-style-type: none"> #Understand current interconnection processes, timelines and metrics. #Advocate for streamlined, affordable and efficient residential interconnection
POWER OUTAGES	Support awareness and solutions to address power outages, particularly for vulnerable communities and/or populations	<ul style="list-style-type: none"> #Change perception of vulnerability to power outages with zero NOx appliances (vs. new NG appliances) #Support zero NOx resiliency solutions to address power outages