



MARCH 15
2023



SoCalREN 

SoCalREN Workforce Education & Training Program



Wednesday, March 15, 2023
LA Convention Center
9:00 AM to 2:00 PM

Helping connect the next generation with opportunities in one of the nation's fastest growing job markets.

This inaugural event offers an exciting and inspiring day of learning for local students, exposing them to the many technologies and career paths in sustainability and energy efficiency. Designed as a collaboration between local government, private industry, and higher education institutions, this hands-on experience supports Los Angeles Unified School District's Strategic Plan Pillar 1D: Academic Excellence—College and Career Readiness. With support from our sponsors, this event is offered at no cost to participating schools

Day at a Glance

8:45 AM

Arrival: Buses arrive and students are seated in West Hall.

9:20 AM

Event Starts: Welcome and keynote speakers open event at main stage.

9:25 AM

Women in Energy Panel: Students hear from women in the Green Energy Sector.

9:50 AM

Breakout Sessions: Students begin to transition into assigned workshops.

10:00–10:45 AM

Breakout Session 1

10:50–11:35 AM

Breakout Session 2

11:40 AM–12:10 PM

Lunch: Students have lunch in West Hall.

12:10 PM

Breakout Sessions: Students transition into remaining assigned workshops.

12:15–1:00 PM

Breakout Session 3

1:05–1:50 PM

Breakout Session 4

1:50 PM

Closing: Closing remarks and students load buses to exit.

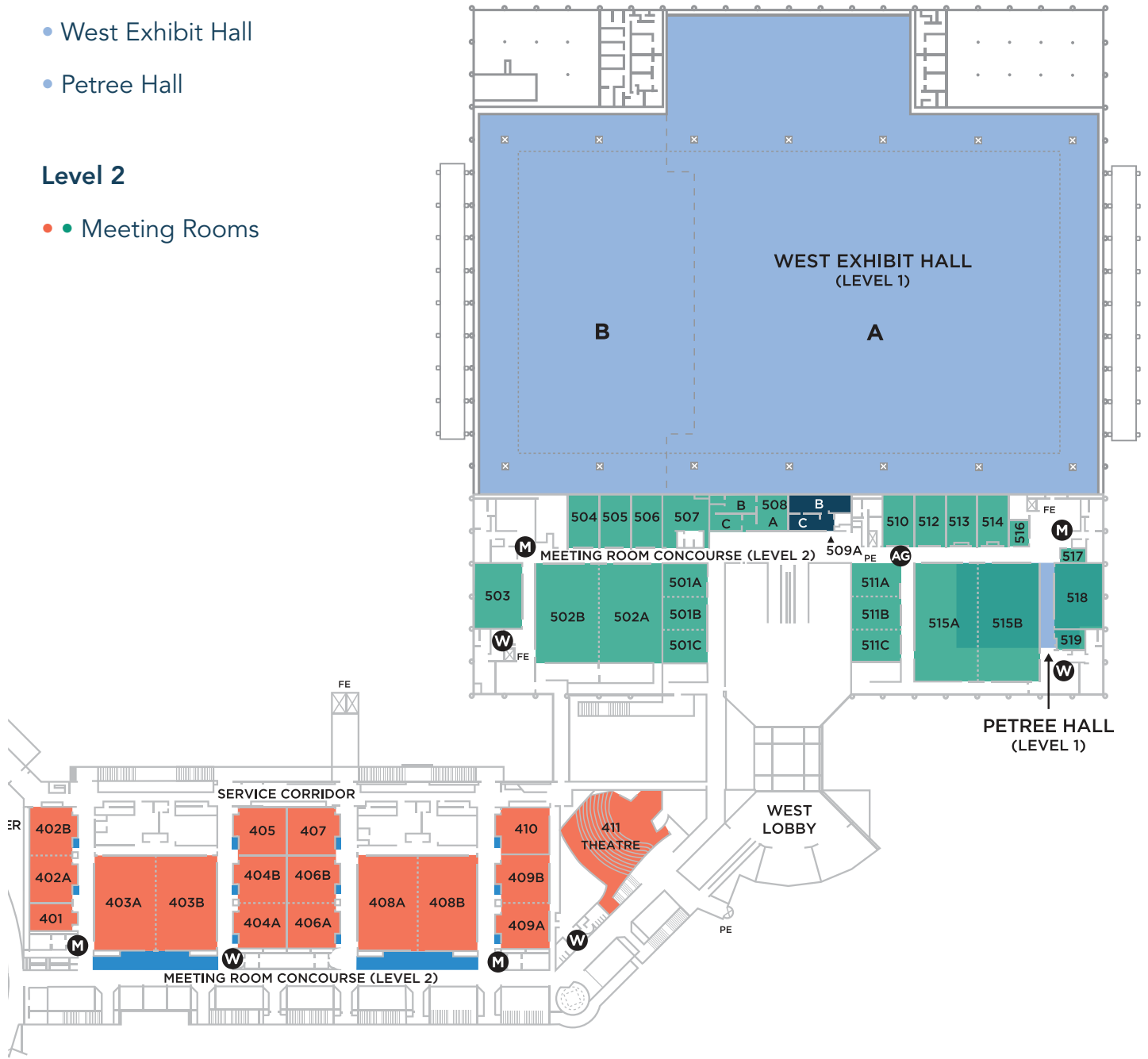
Event Map

Level 1

- West Exhibit Hall
- Petree Hall

Level 2

- Meeting Rooms



Workshops

Workshop Title	Organization	Room
My County, My Home	LA County Regional Planning	502 A
<p>This workshop offers career awareness to future green leaders by highlighting the green roles within the Los Angeles County Department of Regional Planning. Each station in the workshop features an aspect of the natural and built environment planners and biologists consider when they work together to protect and enhance places people, plants, and animals live. By following along the stations, you will see how all the plants, wildlife, little critters, your home and you are all neighbors that live, support, and thrive together.</p>		
Facing Climate Change in Our Cities with Community Power and Nature-Based Solutions	The Nature Conservancy	510
<p>The Nature Conservancy (TNC) will lead a workshop about the effects of climate change in Los Angeles and how personal and community power combined with nature-based solutions lead to transformations in cities that benefit people and the rest of nature. We'll use online interactive maps and your own experiences to brainstorm about the changes that you want to see in your own communities and actions that you can take.</p>		
Theodore Payne Foundation	Theodore Payne Foundation	506
<p>Big changes are coming to our environment and Southern California native plants are at the center of the conversation. Learn about the beauty and ecological benefits of native plants and how you can get paid to work outside and become a part of the environmental movement in Los Angeles!</p>		
Learning about Low Carbon Buildings through Card Play	GGA+	501 C
<p>Our workshop teaches students about building systems whether passive, active, renewable or utilizing low carbon materials. We'll discuss why these systems are important, and how they are combined to produce a low carbon building. Students will be engaging in a card game that utilizes 8 types of systems per category and how they can be curated into a low carbon building design.</p>		
Connecting Students to the Future of Transportation	LINXS	503
<p>Students will get an up-close look at one of the historic transportation projects currently being built at Los Angeles World Airports, the Automated People Mover. Additionally, students will be able to construct their own sustainability projects.</p>		

Workshop Title	Organization	Room
<p>Family Feud Game Show</p> <p>Using the Family Feud game show format, ICF will highlight the career pathway of a fictitious group of 100 people that work in the green economy in order to provide visibility on how students can progress from their current position into a career in the Green Economy.</p>	<p>ICF</p>	<p>501 A&B</p>
<p>A Climate-Positive Vision for 2040</p> <p>Imagine that it is the year 2040 and that the world has largely resolved the climate crisis. What has the trajectory been for the world and for some of the people in it between now and 2040? Engage with some of these pathways built by Terra.do fellows. Each of them are now actively working on climate change in their career. Feel free to write/draw your own!</p>	<p>Terra</p>	<p>511 A&B</p>
<p>USGBC-LA Green Schools Sustainability Fundamentals</p> <p>The Sustainability Fundamentals education sessions provide a high-level overview of the concepts around sustainability through a 90-minute workshop delivered by experts from our member base of sustainability professionals. The workshops introduce students to the goals, principles, and practical applications of sustainability covering various topics.</p>	<p>USGBC-LA</p>	<p>408</p>
<p>CSULB Shark Lab—Marine Biology</p> <p>CSULB Shark Shack featuring shark biology, shark tracking technology, and potential careers in marine science.</p>	<p>Shark Lab at CSULB</p>	<p>502 B</p>
<p>Solar Installation Basics</p> <p>GRID Alternatives Greater Los Angeles (GRID GLA) is excited to host a workshop demonstrating some basic skills necessary to install solar panels on roofs including conduit bending and junction box wiring. GRID Alternatives seeks to provide an effective and equitable pathway into the solar industry. As an organization, GRID Alternatives installs solar electric systems for families in underserved communities at no-cost and supports the same communities in gaining access to green careers through the Installation Basics Training (IBT) program which offers participants hands-on installation training to develop their skills and increase their employability.</p>	<p>GRID Alternatives Greater Los Angeles</p>	<p>504</p>

Workshop Title	Organization	Room
<p>A Day in the Life of an Energy Fellow</p> <p>Get excited about climate career pathways! Students will meet Energy Fellows hosted and supervised by The Energy Coalition and will learn about the work they do, the pathway they took to get connected to climate action organizations, and the impacts they are having on our local communities.</p>	<p>The Energy Coalition</p>	<p>515 B</p>
<p>Get Energized with Energy is Everything</p> <p>Get energized with The Energy Coalition’s Energy is Everything program! Through hands-on exploration, students will learn how energy is generated, all about circuitry, and how to make a difference in their communities with Student Energy ACTIONS!</p>	<p>The Energy Coalition</p>	<p>403</p>
<p>How to Design an Interactive Device</p> <p>We will examine the process of designing a personal interactive device that can be used as a musical instrument, wearable technology, an LED sculpture or work of Art. Each participant will examine their personal history and skill set and pick the ideal sensors and materials needed for their device. Participants will leave with a drawing of what they might create and the beginnings of a design concept.</p>	<p>Smomid</p>	<p>511 C</p>
<p>STEAM H2GP</p> <p>The STEAM H2GP racing team works to help solve the energy crisis in a hands-on, fun, and engaging environment. Students learn about renewable energy, design problem solving, and teamwork. Through endurance competitions, the STEAM H2GP racing team seeks to improve efficiency and performance of their RC cars that may someday translate into real world vehicles.</p>	<p>STEAM Legacy High School</p>	<p>515 A</p>

Speakers and Panelists



Frances Baez

Frances Baez is a twin and one of three daughters of an immigrant mother born in Zacatecas, Mexico. Ms. Baez attended public schools in LA Unified (Miramonte ES, 20th St. ES, San Pedro ES, Bridge, Paul Revere Jr. High and Palisades HS). She earned her BA at UCLA, Teacher Credential and MA in Educational Administration at California State University, Los Angeles and she is a Candidate for her PhD in Urban Leadership at Claremont Graduate University. Ms. Baez has been an educator for 28 years in LA Unified and has served as a teacher in elementary, middle, and adult school settings. She has also taught teacher preparation courses at California State University Los Angeles. Ms. Baez has led transformation as a school Principal, Instructional Director, Administrator of Instruction and Local District Superintendent leading increases in High School graduation, EL reclassification, and early literacy.

As a leader, she has promoted women in leadership efforts as President of the Association of California School Administrators Region 16 and has mentored many principals. She is a past Fellow with the National Institute for Latino School Leaders (NILSL) of UnidosUS where her collaborative research informed policy for English Learners at the State and National levels.

Ms. Baez keeps families and students at the forefront as she sponsors and mentors youth to reach their goals. She leads with heart, mind, and soul and her mission is to remove all obstacles to learner's success.

Today she serves as the Chief Academic Officer supporting the LAUSD vision to prepare students to be Ready for the World!



Selwyn Hollins

Selwyn Hollins has dedicated his career to public service for the past 30 years. He is currently employed with the County of Los Angeles, Internal Services Department. He joined the Department as the General Manager of Administration and Finance in August 2017. In November 2018, he promoted to Chief Deputy Director and was later appointed as the Director in July 2020.

Prior to working for the County, Selwyn held progressively responsible positions with the City of Los Angeles. He served as an Assistant General Manager with the Department of Transportation and Assistant Director with the Office of Finance. He also worked in various capacities for the Department of Water and Power, Personnel Department, and Los Angeles World Airports.

Over the course of his career, Selwyn has been highly motivated by a desire for enhancing organizational performance and delivering outcomes that exceed expectations. His professional background covers administrative services, fiscal oversight, analyses, policymaking, field operations, customer service, and civic engagement. These experiences helped to shape his workplace values of being responsive to customer concerns, advocating change management, and fostering a progressive work environment in which employees feel valued. Additionally, he has developed a sound working knowledge of how administration and operations must strategically align to achieve success. He has effectively utilized this insight to implement new policies and innovations that have enhanced service delivery, staff accountability and cost reductions.

Selwyn holds a Master's Degree in Communications from the University of Southern California and Bachelor's Degree in Business Administration from California State University, Long Beach.



Hillary Herbet

An experienced California energy industry expert, Hillary spent 14 years in policy and procurement management positions at San Diego Gas & Electric. She then founded HMM Energy Consulting, where she helps developers of clean energy projects navigate California's climate policies. She holds a law degree from the University of Denver and a B.A. in Urban Studies from the University of Minnesota.



Linda Nguyen

In a perpetual pursuit to leave the world a better place, Linda Nguyen is dedicated to community development, education access and economic equity across the public, nonprofit and private sectors.

At Microsoft Philanthropies, Linda leads digital inclusion and transformation initiatives in underserved communities and underestimated individuals. Prior she developed a portfolio of programs in diverse, low-income communities, public private partnerships, and philanthropic reinvestment commitments in housing, economic development and financial literacy at a corporate foundation. From workforce to anti-recidivism, throughout her career, she activated White House initiatives in distressed urban areas. She was an AmeriCorps member, working on education programming to reduce learning loss for children experiencing homelessness in Colorado. In addition to her work in the United States, she executed research and social enterprise projects with international NGOs in Central America, Tanzania and Vietnam aiming to reduce poverty, promote gender equality in education and economic development, and sustainability, all of which aligned with the United Nations development goals.

Linda was a Grameen Global Fellow, supporting the design and development of international social entrepreneurship and raising seed funding from international venture capital firms. She studied at University of Notre Dame as a Gates Scholar, University of California, Los Angeles where she was a Hewlett Fellow and California State University, Northridge as a distinguished scholar. She pursued executive education at University of Pennsylvania in corporate social responsibility and Harvard University in humanitarian initiative.

While an outdoor enthusiast, a performing arts aficionado, an avid volunteer and a lifelong learner, Linda's greatest joys are family, friends, and community.



Mayte Sanchez

Mayte Sanchez is the Director of Energy at the Los Angeles Cleantech Incubator, where she manages and develops energy initiatives that support the region's clean energy entrepreneur ecosystem. As Energy Director, she establishes the Incubator's clean energy priorities and oversees a public-private Clean Energy Partnership which aims to accelerate an equitable and innovative electric future. Prior to LACI, Mayte worked as the Senior State Affairs Liaison at the California Independent System Operator, advancing initiatives that supported California's clean electric grid transition. Mayte began her work in energy serving as a Legislative Aide for the California State Assembly, where she led a coalition that passed at the time the nation's largest investment in clean energy for low-income renters. She earned her Bachelor's degree from Pitzer College.



Nurit Katz

UCLA's first Chief Sustainability Officer, Nurit Katz is working to foster partnerships among academic, research, and operational departments to facilitate creating a world class living laboratory for sustainability at UCLA. Nurit also served as Executive Officer for UCLA Facilities Management for six years and is an Instructor for UCLA Extension's Sustainability Certificate Program. She also currently serves as Commissioner on the Board of the Los Angeles Department of Water and Power. Nurit holds an MBA and a Masters in Public Policy from UCLA and a BA in Environmental Education from Humboldt State University, and is currently pursuing a PhD in Ecology and Evolutionary Biology.



Cheryl Wynn

Appointed by Governor Newsom in August 2022, Cheryl serves as the Chief of Staff to Commissioner Genevieve Shiroma at the California Public Utilities Commission. Prior to this appointment, Cheryl served as a Senior Advisor to Commissioner Shiroma. Cheryl joined the Commission in 2018 as a Senior Regulatory Analyst in the Energy Division. Before joining the Commission, Cheryl owned an energy efficiency and sustainability consulting firm from 2013 to 2018 and managed Southern California Edison Company's energy efficiency residential portfolio of programs and services from 2000 to 2013. Cheryl holds a Bachelor of Arts degree in Business Administration from the University of La Verne and a Master's degree in Business Administration from Pepperdine University.

ORANGE GROUP

Time	Agenda	Location
8:45 AM	Arrival: Buses arrive, and students check in and are seated in the Main Hall	
9:20 AM	Event Starts: Welcome and keynote speakers open event at main stage	1 West Hall
9:25 AM	Women in Energy Panel: Students hear from women in the Green Energy Sector	
10:00 AM	Workshop Breakout: The Energy Coalition (part 1), "Get Energized with Energy is Everything"	2 Level 2 Room 403
10:50 AM	Workshop Breakout: The Energy Coalition (part 2), "Get Energized with Energy is Everything"	
11:40 AM	Lunch	3 West Hall
12:15 PM	Energy Playground	4 Petree Hall
1:05 PM	Resource Fair	5 West Hall
1:50 PM	Closing: Closing remarks and students load buses to exit	



GREEN GROUP

Time	Agenda	Location
8:45 AM	Arrival: Buses arrive, and students check in and are seated in the Main Hall	
9:20 AM	Event Starts: Welcome and keynote speakers open event at main stage	1 West Hall
9:25 AM	Women in Energy Panel: Students hear from women in the Green Energy Sector	
10:00 AM	Workshop Breakout: USGBC-LA (part 1), "USGBC-LA Green Schools Sustainability Fundamentals"	2 Level 2 Room 408
10:50 AM	Workshop Breakout: Workshops B	3 Level 2: Rooms 515A, 511A&B, 515B, 511C, 510
11:40 AM	Lunch	4 West Hall
12:15 PM	Workshop Breakout: USGBC-LA (part 2), "USGBC-LA Green Schools Sustainability Fundamentals"	5 Level 2 Room 408
1:05 PM	Energy Playground	6 Petree Hall
1:50 PM	Closing: Closing remarks and students load buses to exit	



YELLOW GROUP

Time	Agenda	Location
8:45 AM	Arrival: Buses arrive, and students check in and are seated in the Main Hall	
9:20 AM	Event Starts: Welcome and keynote speakers open event at main stage	1 West Hall
9:25 AM	Women in Energy Panel: Students hear from women in the Green Energy Sector	
10:00 AM	Energy Playground	2 Petree Hall
10:50 AM	Workshop Breakout: Workshops A	3 Level 2: Rooms 501C, 503, 501A&B, 502B, 504, 502A, 506
11:40 AM	Lunch	4 West Hall
12:15 PM	Resource Fair	5 West Hall
1:05 PM	Workshop Breakout: Workshops B	6 Level 2 Rooms 515A, 511A&B, 515B, 511C, 510
1:50 PM	Closing: Closing remarks and students load buses to exit	



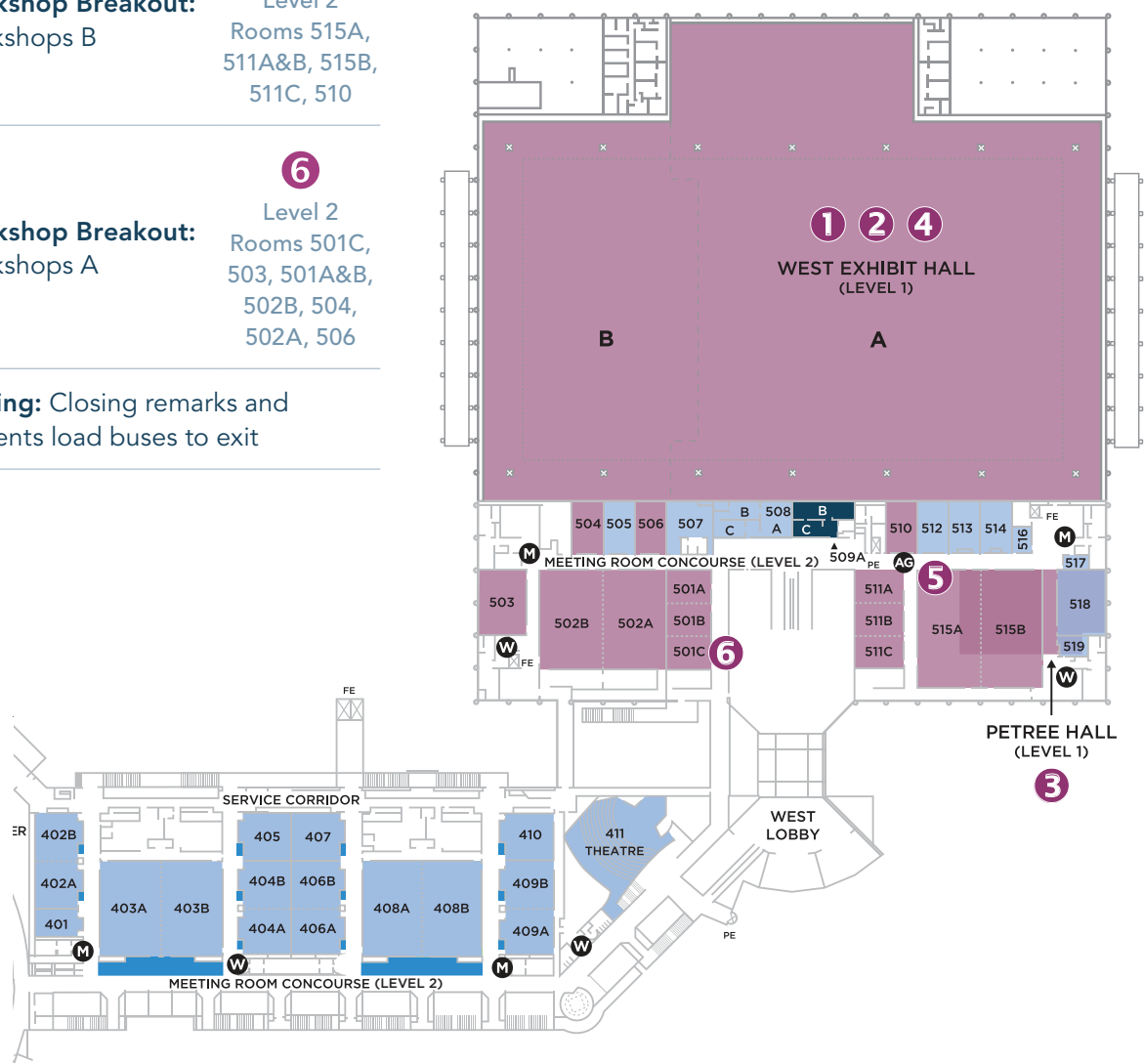
PURPLE GROUP

Time	Agenda	Location
8:45 AM	Arrival: Buses arrive, and students check in and are seated in the Main Hall	
9:20 AM	Event Starts: Welcome and keynote speakers open event at main stage	1 West Hall
9:25 AM	Women in Energy Panel: Students hear from women in the Green Energy Sector	
10:00 AM	Resource Fair	2 West Hall
10:50 AM	Energy Playground	3 Petree Hall
11:40 AM	Lunch	4 West Hall

12:15 PM **Workshop Breakout:** Workshops B
 Level 2
 Rooms 515A, 511A&B, 515B, 511C, 510

1:05 PM **Workshop Breakout:** Workshops A
 Level 2
 Rooms 501C, 503, 501A&B, 502B, 504, 502A, 506

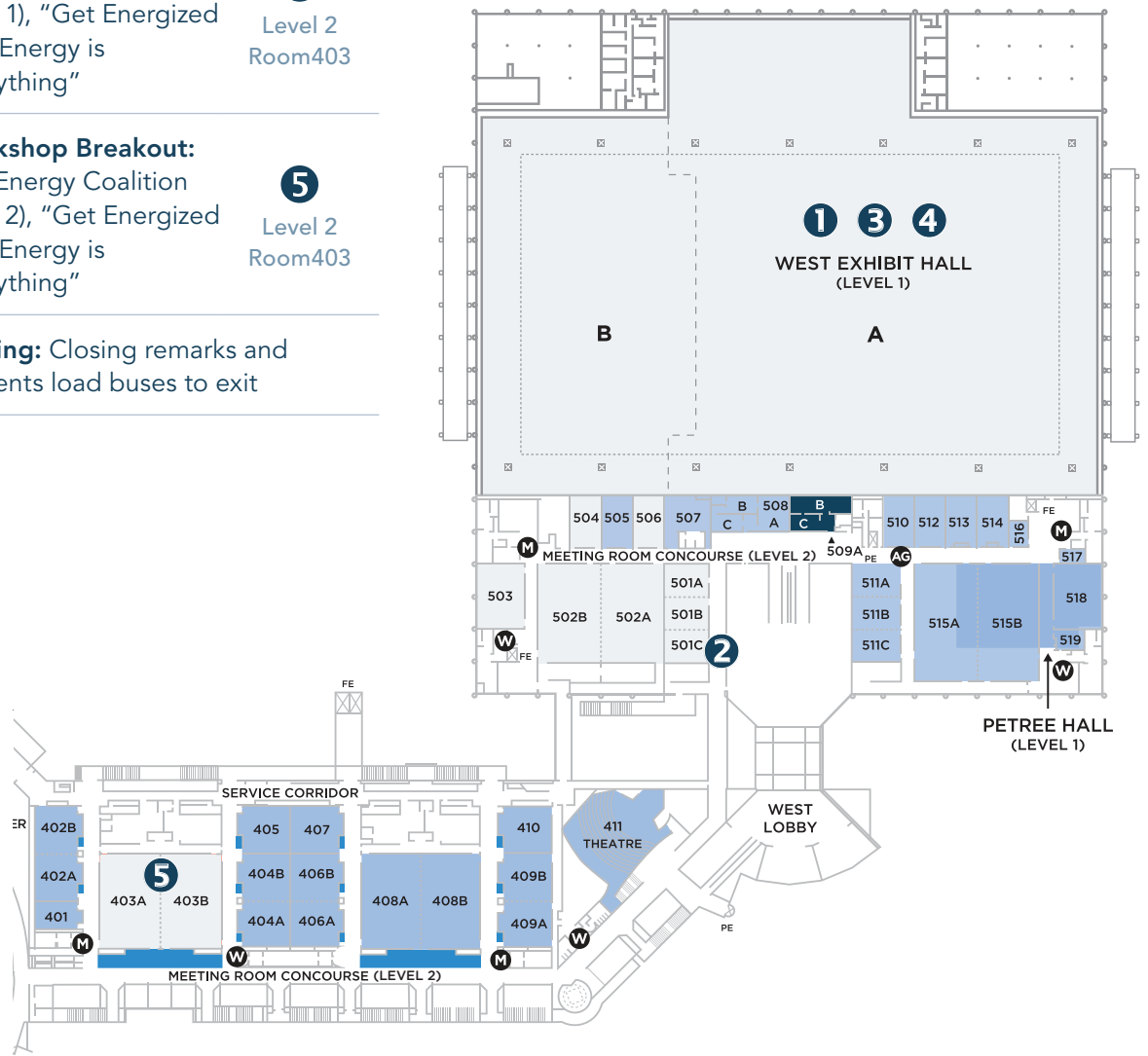
1:50 PM **Closing:** Closing remarks and students load buses to exit



WHITE GROUP

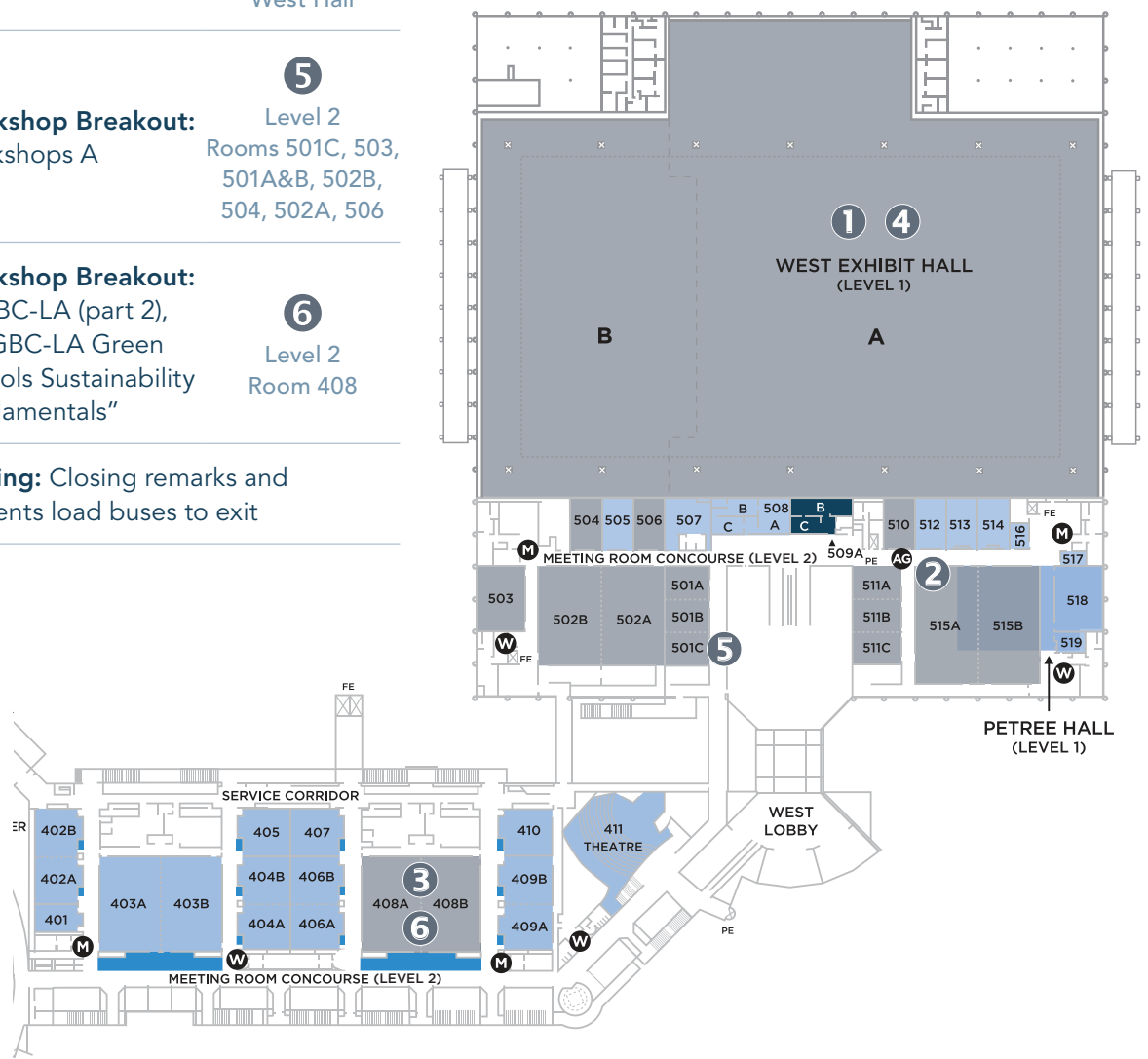
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8:45 AM	Arrival: Buses arrive, and students check in and are seated in the Main Hall	
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9:25 AM	Women in Energy Panel: Students hear from women in the Green Energy Sector	
10:00 AM	Workshop Breakout: Workshops A	2 Level 2: Rooms 501C, 503, 501A&B, 502B, 504, 502A, 506
10:50 AM	Resource Fair	3 West Hall
11:40 AM	Lunch	4 West Hall

12:15 PM	Workshop Breakout: The Energy Coalition (part 1), "Get Energized with Energy is Everything"	5 Level 2 Room403
1:05 PM	Workshop Breakout: The Energy Coalition (part 2), "Get Energized with Energy is Everything"	5 Level 2 Room403
1:50 PM	Closing: Closing remarks and students load buses to exit	



GRAY GROUP

Time	Agenda	Location
8:45 AM	Arrival: Buses arrive, and students check in and are seated in the Main Hall	
9:20 AM	Event Starts: Welcome and keynote speakers open event at main stage	1 West Hall
9:25 AM	Women in Energy Panel: Students hear from women in the Green Energy Sector	
10:00 AM	Workshop Breakout: Workshops B	2 Level 2: Rooms 515A, 511A&B, 515B, 511C, 510
10:50 AM	Workshop Breakout: USGBC-LA (part 1), "USGBC-LA Green Schools Sustainability Fundamentals"	3 Level 2: Room 408
11:40 AM	Lunch	4 West Hall
12:15 PM	Workshop Breakout: Workshops A	5 Level 2 Rooms 501C, 503, 501A&B, 502B, 504, 502A, 506
1:05 PM	Workshop Breakout: USGBC-LA (part 2), "USGBC-LA Green Schools Sustainability Fundamentals"	6 Level 2 Room 408
1:50 PM	Closing: Closing remarks and students load buses to exit	



Sponsors



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Microsoft

Technology is creating new opportunities in a digital economy, but for many, opportunities are out of reach. Microsoft TechSpark is partnering with local leaders and organizations to ensure everyone has the skills, knowledge and opportunity to succeed. Learn more: microsoft.com/techspark



Voyager

At SoCalGas we live by three values: Do the Right Thing, Champion People and Shape the Future. These values permeate our company. They guide how we think and drive our actions. As one of America's largest energy providers, our values are the lens through which we see every opportunity and challenge.



SoCalGas

With our values providing a strong foundation, our mission statement presents an actionable framework of purpose and intent. At SoCalGas, we're dedicated to leading the transition to a decarbonized energy system.

We believe every Californian deserves a clean, affordable, resilient energy future. SoCalGas is working to achieve that future through innovation, collaboration, and decarbonization.



SOUTHERN CALIFORNIA
EDISON

Energy for What's Ahead®

Electricity powers our homes, our businesses and our communities. We've delivered it to Southern and Central California for more than 135 years. As one of the nation's largest electric utilities, we're committed to safely delivering affordable and reliable electricity today and for the future.



ICF is a global consulting services company, but we are not your typical consultants. We help clients navigate change and better prepare for the future.

From creating roadmaps to meet net zero carbon goals to strategy and planning, implementation and engagement, and domain expertise, we provide deep industry expertise and innovative technology solutions, so the right decisions can be made when the stakes are high.



Los Angeles
Department of
Water & Power

The Society of Women Engineers is a non-profit, educational, service organization dedicated to supporting women engineers and encouraging young women to consider an engineering education. Geographically, section membership is spread Calabassas to Long Beach; from Pomona and La Canada to the Pacific Ocean. Our membership is most densely located in the South Bay, the Verdugos, San Gabriel Valley, and San Fernando Valley.



Society of Women Engineers

Our mission is to stimulate women to achieve full potential in careers as engineers and leaders, expand the image of the engineering profession as a positive force in improving the quality of life, and demonstrate the value of diversity.



the Energy
Coalition

The Energy Coalition (TEC) is a California-based 501(c)3 nonprofit with almost 50 years experience designing and implementing strategies that transform energy use, generate capital, and inspire people to take responsible energy actions. As a social change organization, TEC helps communities leap into the future of clean energy and is a leader in sustainability education. TEC is the current statewide provider of the Workforce, Education & Training (WE&T) Career Connections program, bringing its Energy is Everything program to students throughout SCE/SoCalGas, SDG&E, and PG&E territories.



Adventurer



Los Angeles County, one of California’s original 27 counties, was established on Feb. 18, 1850. It is one of the nation’s largest counties with 4,084 square miles, and has the largest population of any county in the nation—nearly 10 million residents who account for approximately 27 percent of California’s population.



The Internal Services Department (ISD) is a general services organization that supports the County by providing a range of support services to other County departments in the areas of purchasing, contracting, facilities, information technology, and other support services, such as energy and environmental programs management, parking, and mail services.



Second largest in the nation, the Los Angeles Unified School District (LAUSD) serves over 600,000 students in kindergarten through twelfth grade at over 1,000 schools. The District also has over 200 independently-operated public charter schools, authorized by the Los Angeles Unified School District Board of Education. LAUSD has a mission of embracing diversity to educate L.A.’s youth, ensure academic achievement and empower tomorrow’s leaders.

SKANSKA

At Skanska, we build for a better society. From hospitals to stadiums, airports to corporate headquarters, and power plants to tunnels and bridges, the important buildings and infrastructure we create help heal, transport, entertain and energize communities.



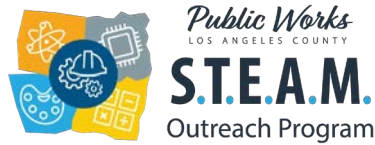
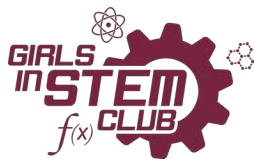
Explorer



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

 Tourist





Sparking economic opportunity and job creation

Technology is creating new opportunities in a digital economy, but for many, these opportunities are out of reach. Microsoft TechSpark is partnering with local leaders and organizations to ensure everyone has the skills, knowledge and opportunity to succeed.

Learn more: microsoft.com/techspark



ICF is a proud sponsor of the SoCalREN
Future Green Leaders Summit.



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Learn more at [icf.com/work/energy](https://www.icf.com/work/energy)



Prepare your students for
a changing energy future.

ENERGY IS EVERYTHING

a program of  the Energy Coalition

Energy is in everything we do—from turning on lights and faucets, to driving cars and cooking our food. And the way we get the energy that powers our lives is changing. Fast.

The Energy Coalition is here to help you prepare your students for a clean energy future.



- ✓ Grab-and-go NGSS lessons
- ✓ No-cost supplies that bring lessons to life
- ✓ Field and lab day experiences
- ✓ One-on-one support



Learn more and enroll in
Energy is Everything for
your classroom at
energy-is-everything.org.



Energy is Everything is funded by California utility customers, administered by Pacific Gas and Electric Company, and supported by the state's other investor-owned utilities under the auspices of the California Public Utilities Commission. Customers who choose to participate in this program are not obligated to purchase additional goods or services offered by The Energy Coalition or any other third party.



BE INSPIRED!

Our Clean Energy Future is in Your Hands



ladwp.com/CleanEnergyFuture



SKANSKA

Sixth St Viaduct Bridge, Los Angeles, CA



At Skanska, **we build for a better society**. From tunnels and bridges to power plants, hospitals to stadiums, and airports to corporate headquarters, the important buildings and infrastructure we create help heal, transport, entertain and energize communities.

**A REBATE TODAY
SAVES WATER
FOREVER.**

bewaterwise.com[®]
FOR WATER-SAVING TIPS & REBATES



