

Agenda for Microgrid Boot Camp

DAY 1: WEDNESDAY, April 10 (Polytechnic Campus)

Location: Building ISTB3, 7418 Innovation Way South, Mesa, AZ 85212

Attire: Long pants, closed-toe shoes

<u>Time</u>	<u>Topic</u>	<u>Location</u>
8:00am	Arrive, coffee, introductions, pre-camp test <i>Sarah Johnson, Program Manager - ASU LEAPS</i>	ISTB3 Rm 140
8:15am	Welcome and Overview <i>Alexander Mobley, Test Bed Manager - ASU LEAPS</i>	ISTB3 Rm 140
8:45am	Microgrid Concepts and Definitions & Motivations for Microgrids <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
9:15am	Stakeholders in the Microgrid and Electric Power Industry <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
9:45am	Break	ISTB3 Rm 140
10:00am	Energy Policy and Regulation <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
10:45am	Understanding Electrical Load Estimation, Group Exercise <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
12:00pm	Lunch	ISTB3 Rm 140
1:00pm	Solar PV and Battery Integration and Testing Using the Mobile Training Toolkit <i>ASU LEAPS Staff</i>	Outdoor
3:00pm	Break as needed	Outdoor
4:30pm	Day 1 knowledge assessment	ISTB3 Rm 140
4:45pm	Discussion and computer check for Tuesday <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
5:00pm	End of activities	ISTB3 Rm 140



DAY 2: THURSDAY, April 11 (Polytechnic Campus)

Location: Building ISTB3, 7418 Innovation Way South, Mesa, AZ 85212

Attire: **ALL COTTON** clothing, long pants, closed-toe shoes

<u>Time</u>	<u>Topic</u>	<u>Location</u>
8:00am	Arrive, coffee, discussion	ISTB3 Rm 140
8:15am	Introduction to Microgrid Design Software Tools <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
8:45am	REopt Practice Project <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
9:30am	XENDEE Practice Project <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
10:15am	Break	ISTB3 Rm 140
10:30am	Global Energy Access and Off-grid Microgrid Development <i>Elena van Hove, Global Energy Access Lead - ASU LEAPS</i>	ISTB3 Rm 140
11:15am	Safety Training <i>Alexander Mobley</i>	ISTB3 Rm 140
11:45am	Switchgear Safety <i>Alexander Mobley</i>	ISTB3 Rm 140
12:00pm	Lunch	ISTB3 Rm 140
1:00pm	Split into four groups, rotate stations after 45 minutes	Outdoor
	Station 1: Off-grid Microgrid Deployment, Configuration <i>ASU LEAPS Staff</i>	
	Station 2: On-grid Setup and Testing <i>ASU LEAPS Staff</i>	
	Station 3: Power Electronics and Primary Control <i>ASU LEAPS Staff</i>	
	Station 4: Integration and Configuration of Your Own Microgrid <i>ASU LEAPS Staff</i>	
4:30pm	Transition inside	ISTB3 Rm 140
4:45pm	Day 2 knowledge assessment	ISTB3 Rm 140
5:00pm	End of activities	ISTB3 Rm 140
5:30pm	No Host Social Outing / Group Dinner (each person will pay for their own meal and beverages at the restaurant) <i>Barrio Brewing Co. 5803 South Sossaman Road, Mesa, AZ, 85212</i>	Barrio Brewing Co.



DAY 3: FRIDAY, April 12 (Polytechnic Campus)

Location: Building ISTB3, 7418 Innovation Way South, Mesa, AZ 85212

Attire: No specifications

<u>Time</u>	<u>Topic</u>	<u>Location</u>
7:55am	Arrive, coffee	ISTB3 Rm 140
8:00am	Guest Lectures	ISTB3 Rm 140
9:45am	Break	
10:00am	Group Discussion and Share-out: Future of Microgrids and Resiliency <i>ASU LEAPS Staff</i>	ISTB3 Rm 140
11:15am	Course wrap-up	ISTB3 Rm 140
11:30am	End of formal course activities	ISTB3 Rm 140

Optional Tour

11:30am	Board Shuttle to Tempe Campus <i>Sarah Johnson</i>	
12:30pm	Lunch on Tempe Campus	Tempe Memorial Union
1:15pm	ASU Central Plant Tour 452 E Orange Street, Tempe, AZ 85281 Please wear long pants and closed toed shoes – other PPE items will be provided.	Tempe Campus
3:00pm	Board Shuttle to Polytechnic Campus <i>Sarah Johnson</i>	Tempe Campus
4:00pm	End of activities	

