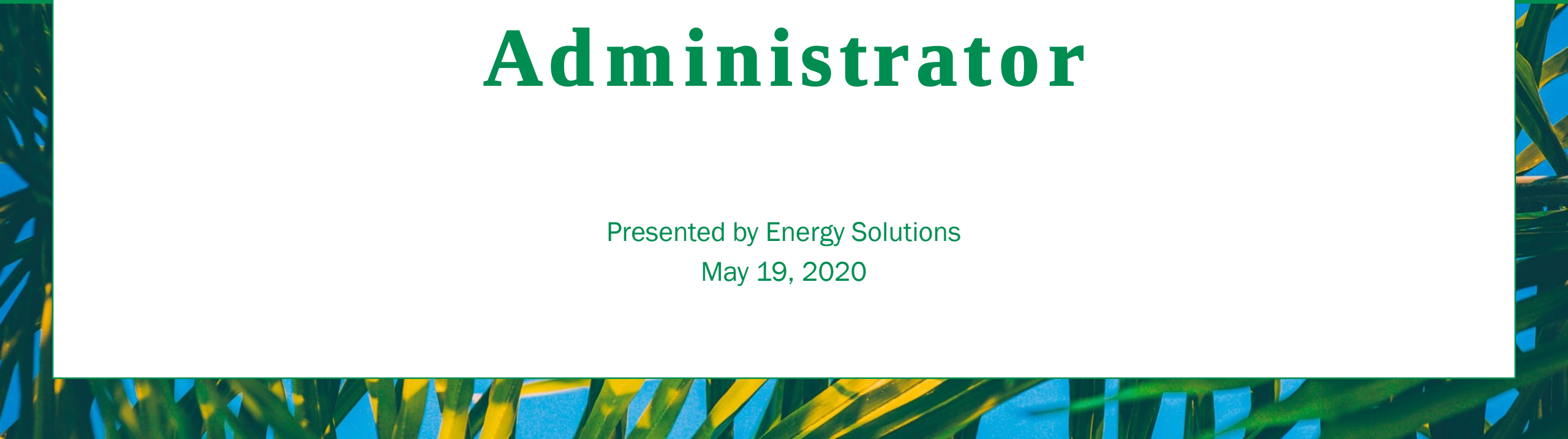
OREGON
COMMUNITY SOLAR
PROGRAM

Oregon Community Solar Program:

Annual Update by Program Administrator

Presented by Energy Solutions

May 19, 2020



Agenda

1 Program Roles and Responsibilities

2 Program Development and First Year Achievements

3 Program Launch and Statistics

4 Next Steps

5 Highlights, Challenges and Opportunities

Program Roles and Responsibilities

Program Administration (PA) Team

Energy Solutions

Program Administration

Program Implementation Manual

Funds Management

Public Reporting

Education & Outreach

Coordination

Workshops and Demos

Platform Management

CSP Platform Configuration

Utility Integration

Data Security

EnergyTrust of Oregon

Program Administration

Project Review for Pre-certification and Certification

Installation Verification

Dispute Resolution

Education & Outreach

Project Manager Registration

Customer Support

Platform Management

Application Processing

QA/QC

COMMUNITY ENERGY PROJECT

Program Administration

Program Diversity Strategy

Education & Outreach

Low-Income Facilitator

Oregon Public Utility Commission

Program Administration

Regulatory Policy Development

Budget Management

Contract Management

Education & Outreach

Commission Workshops administration

Public Stakeholder Engagement

Key Implementation Partners

Portland General Electric

PACIFIC POWER

IDAHO POWER®
An IDACORP Company

In coordination with the PA and OPUC Staff, utilities have developed and implemented ongoing data exchange policies and procedures for participant verification and billing.

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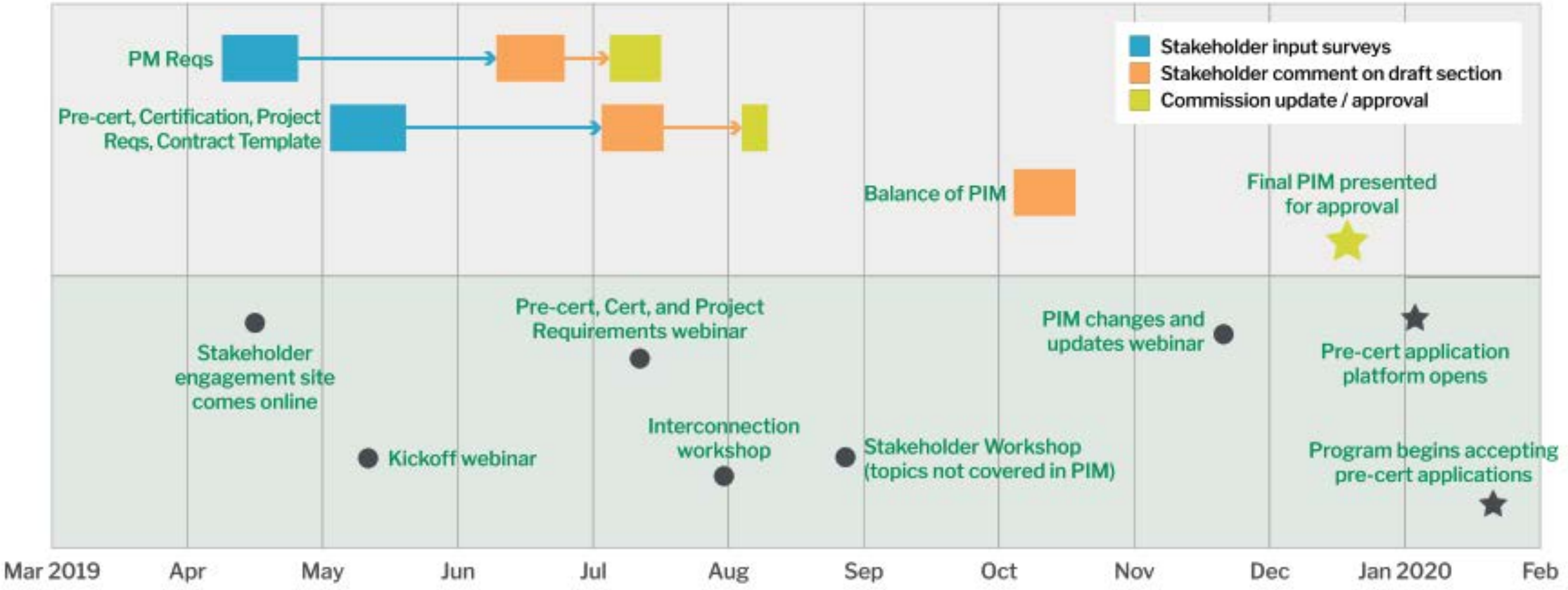
Registered Project Manager

Project Managers (PMs) are responsible for marketing, recruiting and enrolling subscribers, ongoing subscriber management, and ongoing maintenance and operation of the project.

Program Development Process and First Year Achievements

Program Development Process: Stakeholder Engagement and Program Implementation Manual (PIM)



Program Development Process:

Customer Protection

The Program Administrator (PA) developed a robust set of guidelines that Project Managers must abide by to maintain good standing:

- Code of Conduct
- Standard Contract Requirements and Customer Disclosure Checklist
- Complaint Escalation Procedures and Reporting
- Disciplinary Probation and Termination Process

Program Development Process: Project Manager Education

Managing Your Project & Subscriptions:

How to Register and Use the Project Manager Portal

Project Manager Code of Conduct

Eligible Rates & Customer Types

Billing & Payments Guide for Project Managers

Subscription Sizing Calculator

Average Home Energy Consumption Workbook

Clearinghouse Pricing Sample

Contracts and Forms:

General Waiver Form

Low Income Discount Waiver Form

General Market Standard Contract

Low Income Standard Contract

Disclosure Checklist

Interconnection Resources:

Interconnection Guide

Eligible Feeder Capacity - PGE

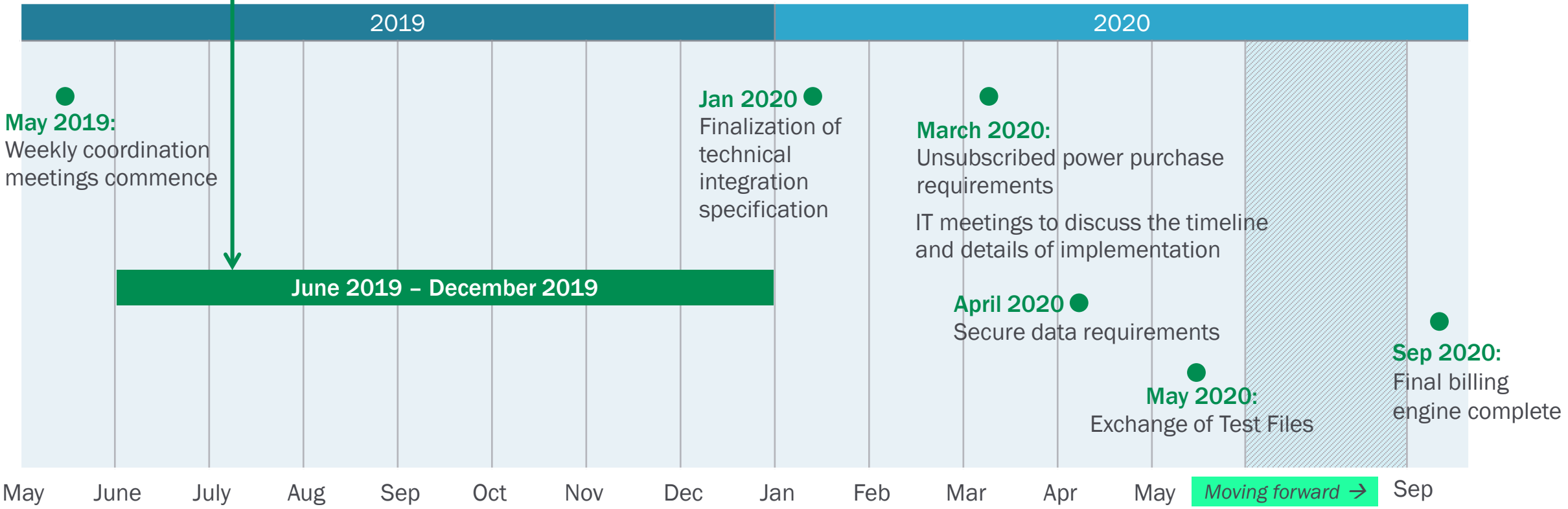
Eligible Feeder Capacity - Pacific Power

Project Manager Video Training Series

Program Development Process: Utility Data Exchange

Beginning in May of 2019, the PAs worked with utilities to discuss data exchange processes and issues, IT concerns, and subscriber experiences. PAs, OPUC Staff and utilities clarified and reached consensus on issues and questions involving various billing and crediting policies.

Resulted in the Technical Integration Specification and Unsubscribed Energy Specification



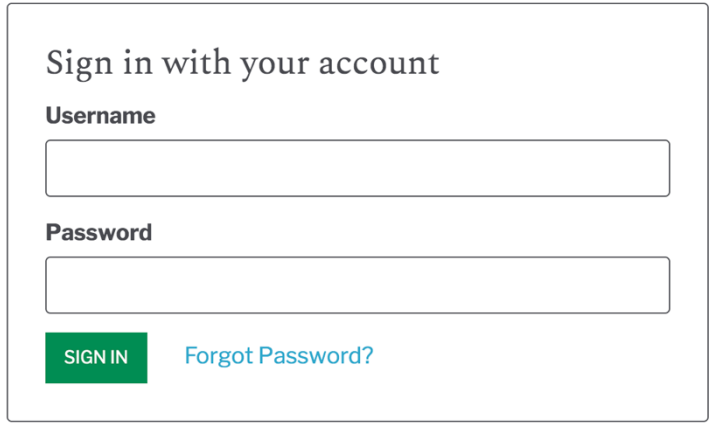
Program Development Process: Platform

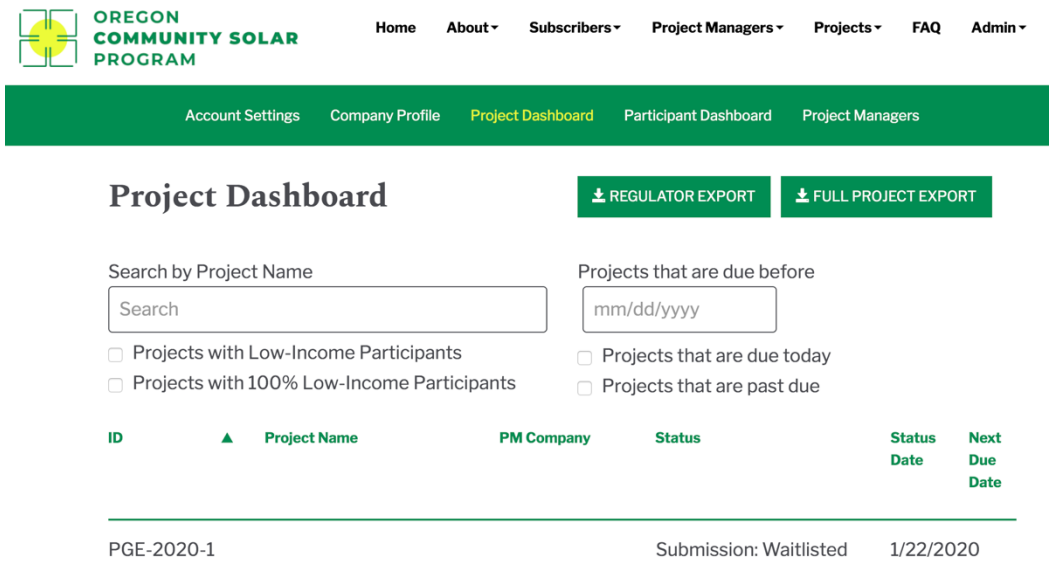
Completed:

- **Phase 1:** Basic Platform: Allows for Project Manager (PM) registration, pre-certification and certification project submission, including document uploads, communication templates, PA recommendation and reporting functionality.

In Development:

- **Phase 2:** Participant User Interface: Allows PMs and the low-income facilitator (LIF) to upload subscriber information and assign participants to pre-certified projects
- **Phase 3:** Additional Automation: Application program interfaces APIs for automatic integration with external systems.





Program Development Process: Website Features

Find a community solar project

Approved community solar projects are shown below. You must be in the same utility territory as a project to join as a participant. Click on the project row to see pricing information and more details about a project.

Sort by Project Name

Search

Project ID	Project Name ▲	Project Manager Name	Utility	City	Operational Date	Total Capacity (kW-AC)	Accepting Participants	Special Project Designation
PGE-2019-103	Hundred Watt	Test company 5	Portland General Electric	Portland		3,000	✗ No	Brownfield Dual-Use Agriculture Low Income

Program Development Process: OPUC Policy Lane

Several key program issues were decided through a separate regulatory process managed by OPUC.

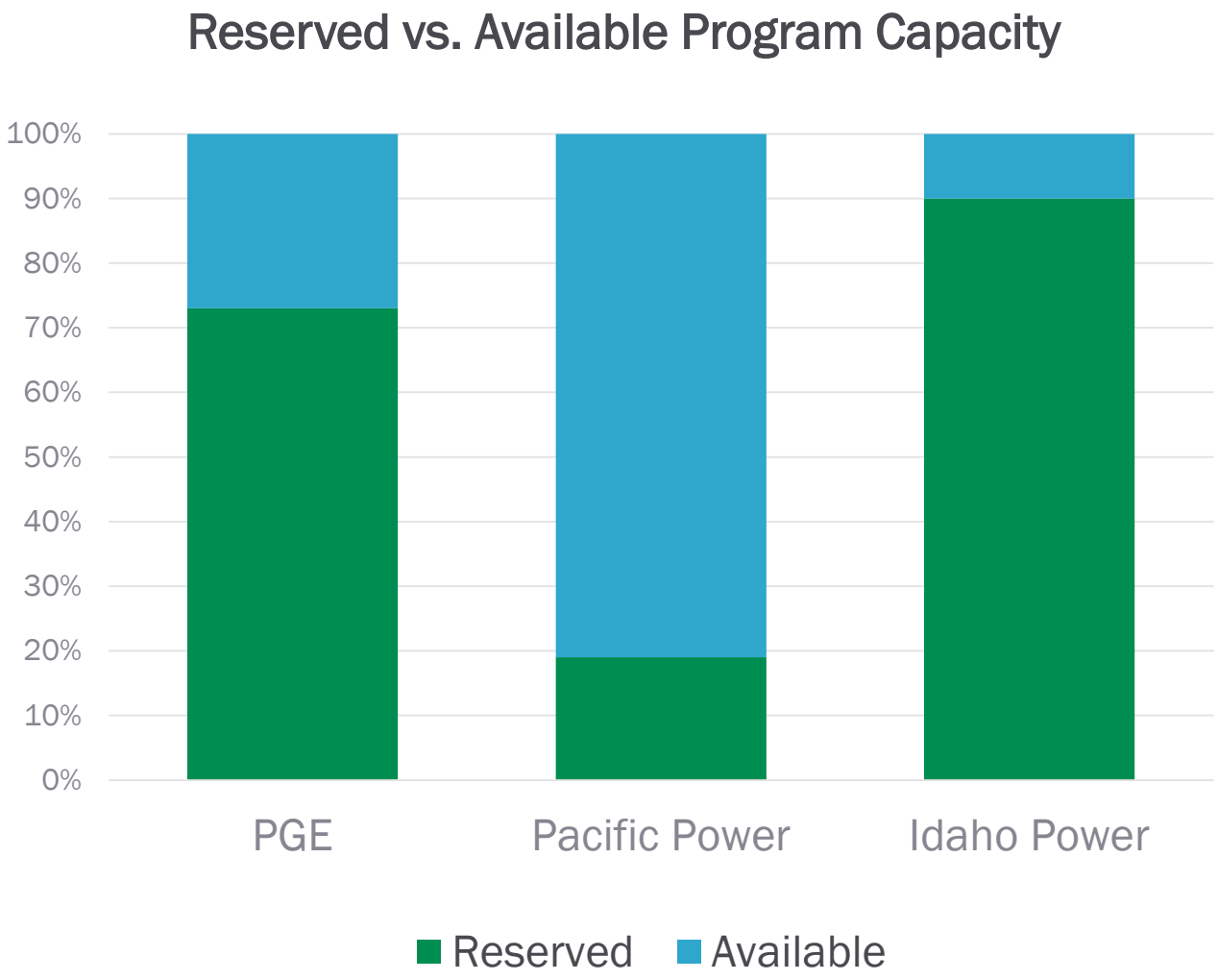
The PA team provided input on several critical policy issues, including:

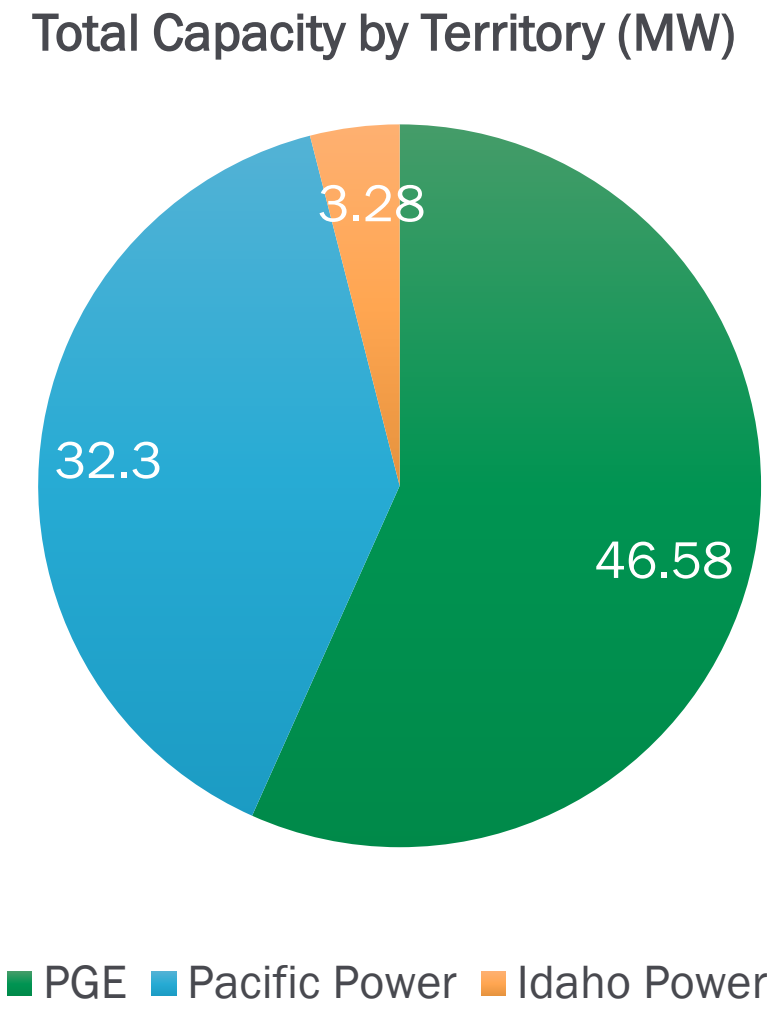
Bill Credit Rate and Program Fees: Financial modeling allowed team to experiment with values to determine most efficient and equitable bill credit and program fees.

Low-Income Program Requirements: Policy proposal incorporating principles such as accessibility, participant protections, no harm policies, encouraging diversity.

Program Launch and Statistics

Project Statistics – Program Launch





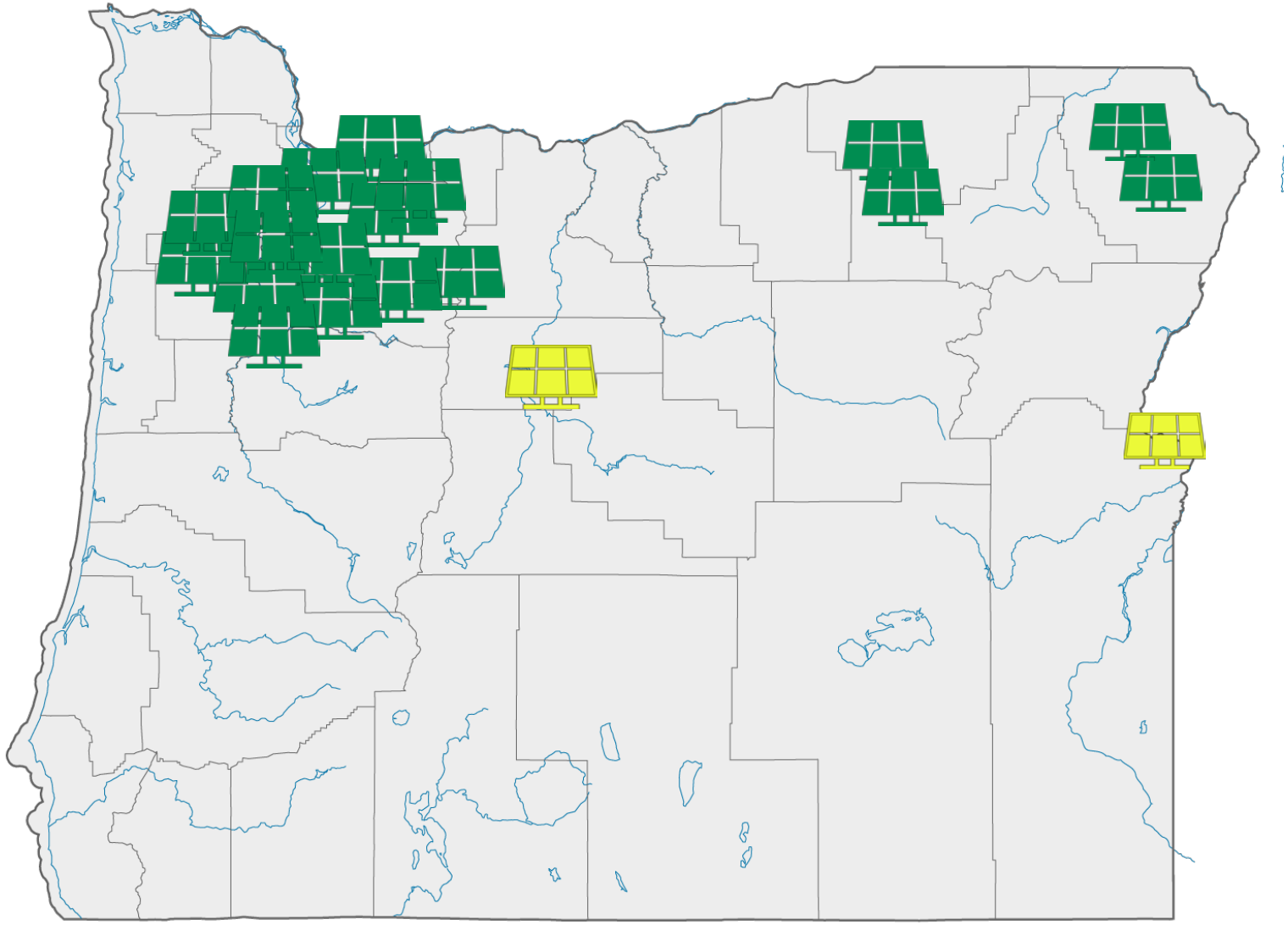
Project Statistics through May 15, 2020

Since program launch, four additional projects were allocated capacity, three of which are carve-out eligible projects in PGE and Pacific Power. One project was submitted to PGE's waitlist.

Utility	Capacity Pre-Certified (MW)	Allocated Capacity Pending Pre-Certification	General Capacity Remaining (MW)	Carve-Out Capacity Remaining (MW)	Total Capacity Remaining (MW)
PGE	34	0	1	11.6	**12.6**
PAC	7	2.3	18.6	4.5	**23.0**
IPC	0	3	0.3	N/A	**0.3**
Total	**41**	**5.3**	**19.7**	**16.1**	**35.8**

- 88% of projects allocated capacity have been pre-certified.
- 43% of total program capacity is still available for new submissions in the initial capacity tier.
- 45% of available capacity is reserved for carve-out eligible applications.

Project Statistics through May 15, 2020



The map shows the geographic locations of submitted projects.

- Pre-certified projects (21)
- Project awaiting pre-certification (2)

Subscriber and Low-Income Statistics

7 PMs noted that they planned to self-recruit low-income participants

12 PMs expressed an interest in collaborating with the LIF for recruitment

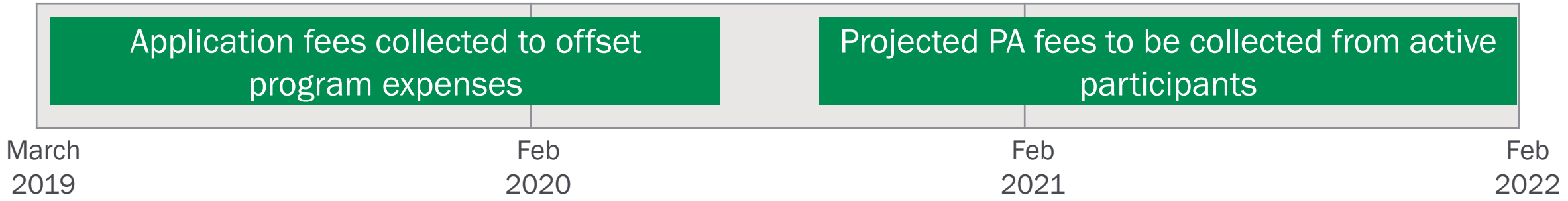
4 PMs noted that they planned to ask the LIF to recruit all low-income participants

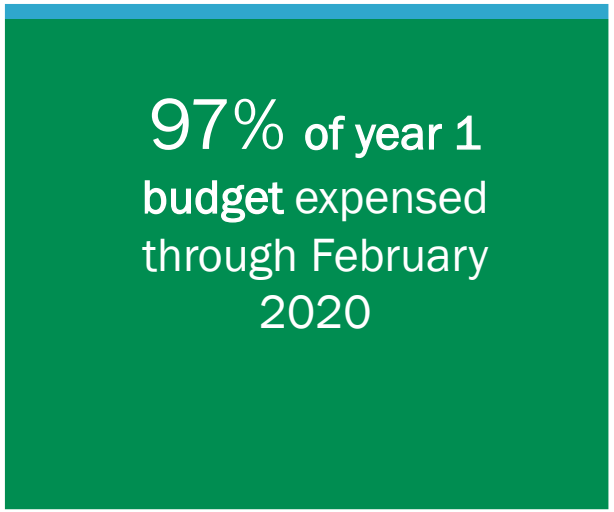
5 PMs said they did not know how they were planning to recruit low-income participants

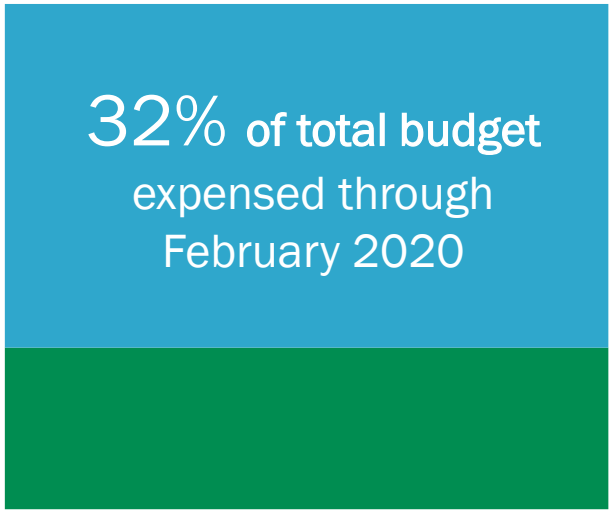
6 PMs declared a special interest in targeting and servicing low-income customers or community organizations

Program Administration Contract

3 year contract: March 2019 – February 2022







Next Steps and Opportunities

Year Two Activities

Utility Integration

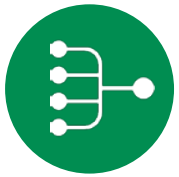
Test file exchange and billing engine finalization

Engagement and Subscriber Participation

PM workshop series, low-income recruitment and communications

Consumer Protection and Education

Subscriber resources and guidance



Collect learnings from Stakeholders on Program Implementation

Collecting data and feedback from stakeholders as projects move toward certification and billing

Highlights, Challenges and Opportunities

Highlights	Challenges and Opportunities
• Program framework allows for adaptive learning • Equity and project diversity through program design • Interconnection policies and procedures	• Subscriber recruitment in the era of COVID-19 • Leverage learnings and ongoing stakeholder collaboration and feedback for continued improvement

Thank You!

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