Anaheim Public Utilities 2025 Renewable Resource RFP

October 13th, 2025

Agenda

- Introductions
- RFP Overview
- RFP Timeline and Process
- RFP Evaluation Process
- Wrap Up and Q&A

Introductions

Speaker Introductions

Mark Brownrigg

Public Utilities Project Manager
City of Anaheim

Anthony Boukarim

Director, Resource Planning & Valuation
Ascend Analytics

Housekeeping

- Audio & Video are disabled, but please remain on mute.
- Questions during the webinar must be submitted via the Q&A window in the Zoom application. Questions will be answered in the time available at the end of the presentation or may be deferred to the Q&A document at Anaheim's discretion.
- Additional questions should be submitted through the RFP website by October 20th: www.ascendanalytics.com/anaheim/renewable-resource-rfp-2025
- All submitted questions will be answered in the Q&A response document posted to the RFP website on October 23rd.
- This presentation will be recorded and available after the call.
- To the extent there is any inconsistency in information provided in today's presentation and the RFP documents, RFP documents shall govern.

Anaheim Overview

- In 1894, Anaheim created the first municipal electric utility in Southern California.
- Anaheim Public Utilities is a city-owned, not-for-profit electric and water utility that offers quality electric and water services to residents and businesses in Anaheim at rates among the lowest in Orange County.
- Anaheim serves a population of 350,000, the largest in Orange County, and receives over 25 million visitors each year.

Anaheim Overview

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- 120,000 customers
- 15% commercial customers
- 470 MW - Summer daily peak avg.
- 305 MW - Winter daily peak avg.
- 578 MW – last ten year all time daily max (September 2024)
- 40% renewable in 2024

Ascend's Role

Ascend Analytics will be supporting Anaheim's initiative by administering and organizing the RFP, as well as analyzing the economic value of proposed projects.

Ascend Analytics offers the following:

- Hosting and marketing services for RFP Procurement
- Standardizing, collecting, and reviewing all submitted data
- Using advanced simulation and analytics software to model projects and ensure accurate and consistent project evaluation

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RFP Overview

RFP Overview and Goals

- Anaheim is soliciting competitive proposals for one or more renewable resource projects in CAISO to meet its energy procurement obligations, environmental goals, and commitments to providing cost-competitive, clean energy to customers.
- Projects must have a delivery term between 10 and 30 years, and PPA terms will begin no later than December 31, 2032. Offers with earlier start dates are preferred by Anaheim.
- Offered project sizes must be between 10 and 250 MW.
- Proposed Projects, except for PCC1 Index+ offers, must have secured or are planning to secure FCDS.
  - For Renewable Generation Plus Storage offers, the renewable component may be offered as Energy Only but the storage requires FCDS.
- All proposals must be compliant with RFP specifications.

Proposed Projects, excepting standalone storage, must be consistent with the California Renewable Energy Resources Program and the California Renewables Portfolio Standard Program.

RFP Overview and Goals

Product Categories

- Renewable Generation Only
  - RPS-eligible generation such as solar, wind, geothermal or any other PCC1 generating resource
- Renewable Generation Plus Storage
  - RPS-eligible PCC1 generation paired with storage projects
  - Storage duration must be at least 4 hours
  - Each component, both the renewable generation component and the storage component, must be between 10 and 250 MW
- Standalone Storage
  - Standalone storage projects of any type (lithium-ion, iron-air, etc.)
  - Storage duration must be for at least 4 hours
- PCC1 Index+
  - RPS-eligible generation (e.g., solar, wind, geothermal) offered as a PCC1 Index+ contract

RFP Pricing Guidance

- **Tax Credit Assumptions:** Respondents must provide one all-in PPA price at an assumed ITC or PTC rate.
  - Ex: Proposed Project is offering $XX/MWh at an assumed ITC rate of 40%, as the project plans to capture the Energy Community adder.

- **Escalation:** Anaheim is allowing Respondents to provide an optional price escalation value as an annual percentage.
  - Ex: Proposed Project provides a price escalation value of 0.5% per year.
  - Indexed prices are not permitted, for example indexing offered price to lithium prices.

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RFP Timeline and Process

RFP Schedule

Step	Dates
RFP opens	*September 25, 2025*
Respondent webinar	*October 13, 2025 – 1:00PM PT*
Deadline for question submissions	October 20, 2025 – 11:59PM PT
Q&A responses posted	October 23, 2025
Deadline to submit proposals	**October 30, 2025 – 5:00PM PT**
QAQC of proposals	Early November 2025
Respondents notified of shortlist status	Early January 2026
Negotiations and contracting period	January – April 2026

Respondent Registration

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- To access RFP materials, participate in the Q&A process, and receive communications regarding this RFP, all Respondents must register online at:

  RFP Website Registration Portal

Scan to register!

Communication

- All documents are posted to the RFP website.
- Email alerts or developer notifications are distributed through Ascend. Register on the RFP website for alerts and notifications.
- RFP team, at its sole discretion, may contact Respondents directly to ask additional questions, seek clarification, and/or request additional information as needed to assess an offer.
- Respondents are prohibited from communicating with Anaheim personnel, board of directors, board alternates, or contractors outside of the formal Q&A process.

Q&A Process

- Respondents must use the RFP website's question portal to submit questions:

  RFP Website Question Portal

- All questions must be submitted by October 20, 2025
- Questions will be responded to in writing and posted to the RFP website on October 23, 2025
- For urgent matters after the question submission deadline, reach out to the RFP email:

  Anaheim2025RFP@ascendanalytics.com

Scan to submit questions!

Submission Package

Document	Status
Project Narrative	Required
Primary Offer Form	Required
Redlined Term Sheet	Required
Redlined Insurance & Indemnification	Required*
Alternative Offer Form	Optional
Interconnection Study/Agreement	Optional
Other Supporting Documents	Optional

Proposals must be submitted via the RFP submission portal by October 30th at 5PM PT.
Refer to the RFP Protocol for more details on documents in the submission package.

*The Insurance & Indemnification document is only required to be redlined and submitted by Respondents that take issue with any provision outlined within. Refer to the RFP Protocol Section 4.3 for more details.

Submission Package

<u>Review Only</u>

Document	Status
Exclusivity Agreement	Review only
Nondisclosure Agreement	Review only
Letter of Credit Template	Review only

The following documents are posted to the RFP website solely for Respondents to review and are not required as part of the submission package but <u>will</u> be required upon shortlisting. It is advised that Respondents review these documents.

Note that Anaheim will ***not be executing NDAs*** *prior to the negotiation and contracting period.*

Project Narrative

The project narrative must contain the following two sections:

1. Project summary

- A brief summary (1-2 paragraphs) of the project including location, sizing, and any relevant high-level details including company name, contact name and contact information.

2. Project details summary table

- Must include project name, product category (e.g. renewable generation only), project type (e.g. wind), project location city and county, project size, storage duration, PPA Term, COD, and pricing ($/MWh, $/kW-month, annual escalation).
- *Please note that if the Respondent is submitting both a Primary Offer and Alternative Offer, the project details summary table should include information for both.*

Offer Form Template

- The excel-based Offer Form Template file is the primary source of data for evaluating submissions. The Offer Form Template consists of seven sheets plus instructions.
- Respondents must complete the appropriate sheets for the product category of project being submitted.
- Ensure that the Error Validation sheet has no errors before submitting the Offer Form. Additionally, make sure the data in the Offer Form is consistent with the data provided in the project narrative.
- If there are any questions specific to filling the Offer Form before or after the Q&A deadline, you may reach out to the RFP email Anaheim2025RFP@ascendanalytics.com for clarification.

Offer Form Template

A. Offer Details | B. Offer Pricing | C. RPS Generation | D. Storage Parameters | E. Development Risk | F. Acknowledgement | G. Error Validation

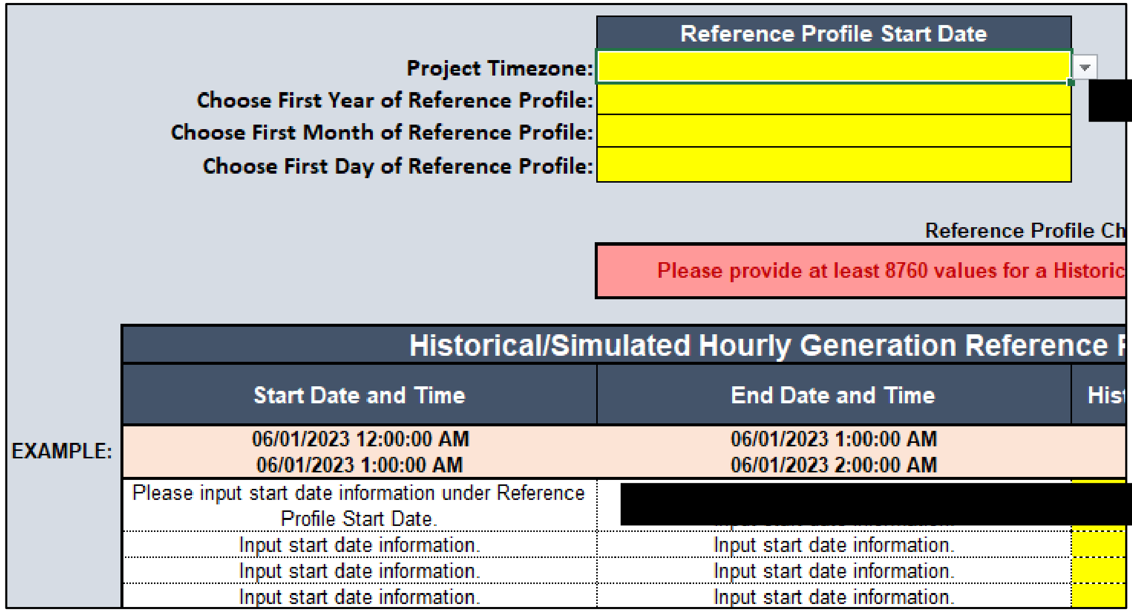
Product Category	Required Information Sheets
Renewable Generation Only	A, B, C, E, F
Renewable Generation + Storage	A, B, C, D, E, F
Standalone Storage	A, B, D, E, F
PCC1 Index+	A, B, C, E, F

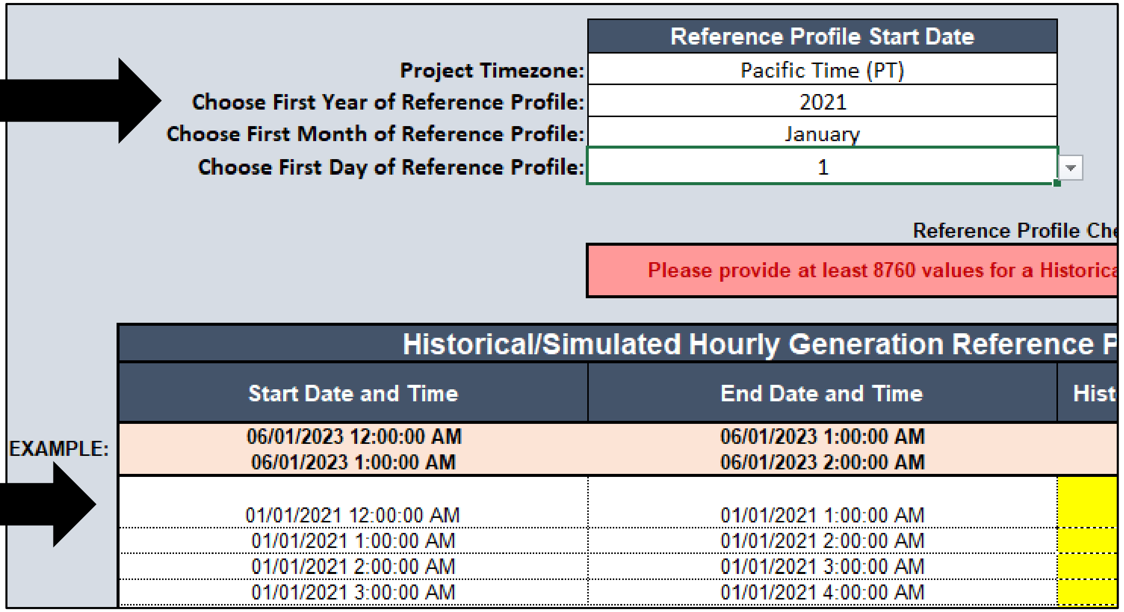
Cell Color Key:

Cell Color Key
Required field
Optional field
Completed field
Example field
Calculated field

- The Offer Form contains six data input sheets, an Instructions sheet, and an Error Validation sheet to assist Respondents in completing

Historical Generation





- Using the dropdowns, enter the project's time zone and the year, month, and day of the desired reference profile start date. This will automatically populate the table below with 3 years of hourly timesteps.

Historical Generation

Reference Profile Check:

Please provide at least 8760 values for a Historical/Simulated Reference Profile.

	Historical/Simulated Hourly Generation Reference Profile		
	Start Date and Time	**End Date and Time**	**Historical Energy Generation (MWh)**
EXAMPLE:	**06/01/2023 12:00:00 AM** **06/01/2023 1:00:00 AM**	**06/01/2023 1:00:00 AM** **06/01/2023 2:00:00 AM**	**15** **25**
	01/01/2021 12:00:00 AM	01/01/2021 1:00:00 AM	
	01/01/2021 1:00:00 AM	01/01/2021 2:00:00 AM	
	01/01/2021 2:00:00 AM	01/01/2021 3:00:00 AM	
	01/01/2021 3:00:00 AM	01/01/2021 4:00:00 AM	
	01/01/2021 4:00:00 AM	01/01/2021 5:00:00 AM	
	01/01/2021 5:00:00 AM	01/01/2021 6:00:00 AM	
	01/01/2021 6:00:00 AM	01/01/2021 7:00:00 AM	
	01/01/2021 7:00:00 AM	01/01/2021 8:00:00 AM	
	01/01/2021 8:00:00 AM	01/01/2021 9:00:00 AM	
	01/01/2021 9:00:00 AM	01/01/2021 10:00:00 AM	
	01/01/2021 10:00:00 AM	01/01/2021 11:00:00 AM	
	01/01/2021 11:00:00 AM	01/01/2021 12:00:00 PM	

- For existing renewable generation assets: provide at least 1 year and up to 3 years of hourly historical generation data, beginning at the reference start date input above.
- For new renewable generation assets: provide a **simulated** hourly generation profile. Ascend recommends using software like the **NREL System Advisory Model (SAM)** to generate synthetic data.
- **Do not submit TMY data.**

Forecasted Generation

Forecast Check:

Please provide Forecast Monthly Production values.

Forecast Monthly Energy Production	
Month	**Expected Energy Production (MWh)**
January	2250
February	9300
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

- Provide the **P50** values of the project's **first year** forecasted monthly energy production.

Information for Renewable Generation Projects

Renewable Energy Source:	28	
Renewable Generation description if type is "Other":	29	
Offered Renewable Generation Capacity at Delivery Point (MW AC):	30	
Expected First Year P50 Generation (MWh):	31	
Estimated Capacity Factor (%): *Calculated as expected average annual generation (MWh) divided by the product of capacity (MW) and 8760 (h)*	32	**Please enter Capacity and Generation above.**
Annual Renewable Degradation (%/year):	33	

- Ensure the values sum to equal the expected average generation in the Offer Details sheet to maintain consistency.

Forecast Check:

Sum of provided forecast values above does not match Expected Average Annual Generation provided in sheet A. Offer Details.

Forecast Monthly Energy Production	
Month	**Expected Energy Production (MWh)**
January	2250
February	9300
January	1
February	1
March	1
April	1
May	1
June	1
July	1
August	1
September	1
October	1
November	1
December	1

Error Validation

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Offer Form Error Validation

O INPUT REQUIRED - READ ONLY

Offer Form Percent Completion: 99.2%

Project Name:	Dogwood PV
Developer:	Ascend Analytics
Offer Category:	Renewable Generation Only

MISSING OR INCORRECT INFORMATION - DO NOT SUBMIT YET

Explanation: This sheet tracks specific errors/missing information in the offer form. Depending on the offer category, the sheet will indicate which sections are required and checks for missing information. Make sure that this sheet has no errors prior to submitting the offer form. Note: it is the responsibility of the respondent to conduct quality control on the offer form as well as any document in the submission package.

Sheet Name	Required for Offer Category?	Status	Notes
A. Offer Details	REQUIRED	NO ERRORS	All required fields have been completed for this sheet.
B. Offer Pricing Info	REQUIRED	MISSING OR INCORRECT INFORMATION	Please address the following fields before submitting: 7, 33
C. RPS Generation	REQUIRED	NO ERRORS	All required fields have been completed for this sheet.
D. Storage Parameters	Not Required	NO ERRORS	This sheet is not required for the project offer category.

Error Validation

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If the box at the top displays "MISSING OR INCORRECT INFORMATION," be sure to review the table below to correct the indicated fields prior to submission.

MISSING OR INCORRECT INFORMATION - DO NOT SUBMIT YET

Sheet Name	Required for Offer Category?	Status	Notes
A. Offer Details	REQUIRED	NO ERRORS	All required fields have been completed for this sheet.
B. Offer Pricing Info	REQUIRED	MISSING OR INCORRECT INFORMATION	Please address the following fields before submitting: 7, 33
C. RPS Generation	REQUIRED	NO ERRORS	All required fields have been completed for this sheet.
D. Storage Parameters	Not Required	NO ERRORS	This sheet is not required for the project offer category.

Error Validation

Sheet Name	Required for Offer Category?	Status	Notes
A. Offer Details	REQUIRED	NO ERRORS	All required fields have been completed for this sheet.
B. Offer Pricing Info	REQUIRED	MISSING OR INCORRECT INFORMATION	Please address the following fields before submitting: 7, 33
C. RPS Generation	REQUIRED	NO ERRORS	All required fields have been completed for this sheet.

Provide Renewable Generation PPA Price at assumed ITC/PTC rate ($/MWh):	7	

- On the sheet with the listed error(s), locate the field number(s) indicated in the "Notes" column. Complete or correct this information to the best of your ability and submit your offer form!

Review and QAQC Period

- After the submission deadline, all submissions will be reviewed for compliance and completeness.
- A proposal may be rejected if it is not compliant with the requirements outlined in the RFP Protocol, not prepared in the format described, or not signed by an individual authorized to represent the Respondent.
- If a proposal is determined to be non-conforming, Anaheim or Ascend will notify the Respondent, and the **Respondent will be allowed two (2) business days to respond with updated and compliant submission materials or risk rejection from consideration.**
- The Respondent is solely responsible for checking compliance of all submitted material. Lack of communication from Anaheim does not imply confirmation of a compliant submission.

RFP Evaluation

Evaluation Criteria

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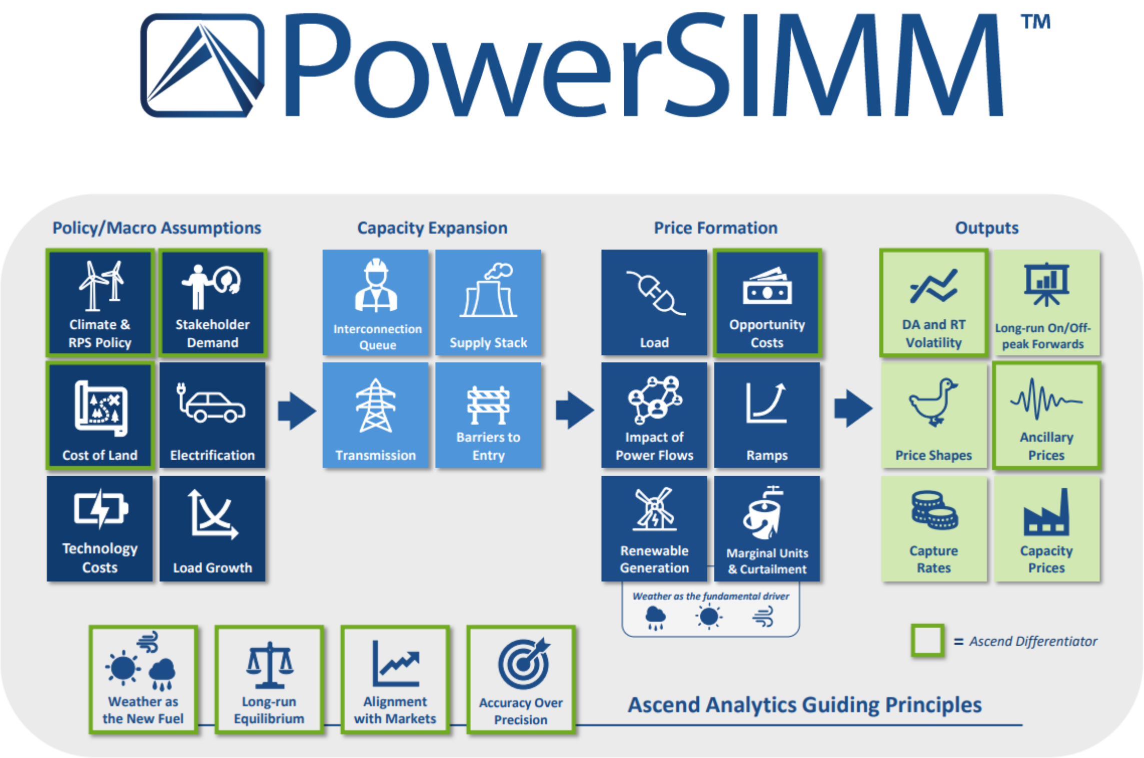
No.	Evaluation Criteria	Weight (Points)
1.	Completeness and responsiveness of the proposal to perform the specific tasks outlined in the RFP	5 (5% of Total)
2.	Qualifications of the firm that will deliver the project	10 (10% of Total)
3.	Demonstrated record of success by the developer on projects previously performed	15 (15% of Total)
4.	Reasonableness of the cost of the proposal	20 (20% of Total)
5.	The viability of the proposed project	20 (20% of Total)
6.	Technical capabilities of the proposed project to meet operational needs	15 (15% of Total)
7.	Compliance with regulatory, legislative, or other public policy requirements	5 (5% of Total)
8.	Compatibility with Anaheim’s existing electric resource portfolio	5 (5% of Total)
9.	Overall value to Anaheim customers, and any other criteria prescribed by Anaheim that is required for the benefit of Anaheim customers to review the highest value	5 (5% of Total)

Quantitative Evaluation

- All projects will be assessed for market performance against the relevant project Pnode.
- Valuation will be performed using Ascend's PowerSIMM™ platform, dispatching resources against simulated Pnode prices.
- Projects will be valued for their Resource Adequacy as well as revenues across all relevant Day-Ahead, Real-Time, and ancillary markets.
- Data provided by Respondents in the Offer Form Template will be used to model proposals.
- Final determination and any selection of projects will be made solely at Anaheim's discretion



Q&A

FAQ

1. How is Anaheim considering potential changes to tariffs or tax credits in this RFP?

   Anaheim understands the volatile and uncertain nature of certain policies that could potentially affect renewable and storage projects. Anaheim is therefore willing to discuss deviations from the submitted offer during the negotiation and contracting phase, so long as there is reasonable cause for the change.

2. Will Anaheim be allowing projects from outside of CAISO that connect to valid CAISO interties?

   No, Anaheim will not be considering any resources outside CAISO as part of this RFP (see Section 4.3 of the RFP Protocol).

3. Is Anaheim open to considering projects that are below the 10 MW size minimum if the project is a unique technology?

   No, Anaheim is not accepting any projects, regardless of project technology, that do not fall within the acceptable range of 10 to 250 MW (see Section 4.3 of the RFP Protocol).

Live Q&A

Upcoming Deadlines

Step	Dates
RFP opens	*September 25, 2025*
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Thank You!