

REQUEST FOR PROPOSALS

## DISTRIBUTED / BEHIND-THE-METER RENEWABLE GENERATION

FOR THE EASTSIDE POWER AUTHORITY AND ITS MEMBER DISTRICTS

February 22, 2024

EASTSIDE POWER AUTHORITY

P.O. BOX 846

LINDSAY, CA 93247

<https://eastsidepa.org/>

Project Number: ESPA RFP 202401

PROPOSALS DUE: April 30, 2024, by 4:00 p.m. Pacific Prevailing Time

Eastside Contact: Nils Tellier, PE

Email Address: [nils@epsim.us](mailto:nils@epsim.us)

Telephone Number: (303) 718-2597

**Pre-Proposal Conference:** There is no pre-proposal conference for this project.

**Proposals must be received no later than:** April 30, 2024, by 4:00 p.m. Pacific Prevailing Time.

*Proposals received after this date and time may not be considered for award.*

**Bid Submittal:** Interested parties are invited to submit a bid to the Eastside Power Authority by email to the address above. The email subject must contain “ESPA RFP 202401” and the proposer’s name.

**Americans with Disabilities Act**

If you need special assistance or services to be provided under the provisions of the Americans with Disabilities Act (ADA), please contact the Eastside Power Authority at (303) 718-2597 at least 48 hours in advance of any scheduled event.

**Schedule of Events** (subject to change). All times are given in local California time:

RFP issued	February 28, 2024
Deadline for proposal questions	March 29, 2024
Final addendum issued (if any)	April 5, 2024
Proposal due date and time	April 30, 2024
Board of Directors hearing	May 15, 2024
Notice of Award	May 31, 2024
Project completion	February 1, 2026

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## A. Background and Project Goals

### 1. Background

The Eastside Power Authority (Eastside) is a California Joint Powers Authority and Local Regulatory Authority formed under California law. It is comprised of five Irrigation and Water Districts and started operations in 1998.

Eastside’s member and associate member districts are located along the east side of the San Joaquin Valley of California. It serves 30 water pumping loads that aggregate up to 13 MW of demand and consumes 35 million kWh per year. Eastside relies on its long-term contract for Central Valley Project hydro power that supplies 40 to 60 percent of the energy it consumes to pump the Districts’ CVP water.

Eastside provides electricity to its member districts’ pumping loads at competitive rates while ensuring financial responsibility and regulatory compliance with state and federal agencies.

### 2. Project purpose and goals

Eastside serves 30 pump stations to supply irrigation water from the Friant Kern Canal. The installed capacities of each of the pump stations range from 30 to 2,900 kW. The electricity usage is seasonal, typically from April through September with 10 to 13 MW peak usage between June and August. Several pumping loads may shut down between November and February, and Eastside’s aggregate demand is typically under a megawatt during the winter months. Eastside’s annual energy demand varies between 26 and 35 GWh.

Electric charges consist of Eastside’s generation cost, and Southern California Edison (SCE) Transmission and Distribution (T&D) costs under tariffs TOU-PA-2D or -3D. Most pumps operate steadily, with monthly capacity factors above 50 percent during the summer season. As a result, the pumps are exposed to high generation prices and T&D tariffs between 4 pm and 10 pm. Member districts provide irrigation water on an as-needed basis, meaning that curtailing water deliveries is not an option. The service area topography is very slightly sloped from east to west, allowing for gravity flow in some districts, but there are no identified opportunities for significant water storage.

Eastside is seeking turnkey proposals from qualified developers under different forms of agreements, such as Power Purchase Agreement (PPA), or Engineering Procurement and Construction (EPC) or Build-Own-Transfer (BOT) with Service Contract, **to develop distributed / Behind-The-Meter (BTM) renewable or carbon-free generation collocated at the pump stations.**

Though Eastside will review all proposals, Eastside is primarily interested in generation quantity of between 100 kW and 2 MW, and is most interested in generation sited to offset load. The BTM generation will allow Eastside and its member districts to:

- Reduce generation costs from wholesale resources and the CAISO market.
- Reduce the energy and demand components of the Transmission and Distribution (T&D) costs.
- Generate Category 1 Renewable Energy Credits (PCC1 RECs) for Eastside's Renewable Portfolio Standard.
- Improve service reliability.
- Further reduce Eastside's carbon footprint.

Eastside is acting as the clearing house for the submission of proposals. Eastside or its member districts may contract projects or, depending on the response materials received, require additional response materials or conduct new solicitations or bidding. Eastside is not obligated to select any proposals stemming from this RFP.

Bidders are encouraged to analyze and select which pumping loads are best qualified for BTM generation under their proposed technologies. The list of loads, their locations and specifications are in Appendices A, B and C.

## B. Scope of Work

### 1. General Requirements

The bidders are expected to provide a full range of engineering services and accept project management responsibility at all levels. All work shall be completed using the latest applicable design and construction standards, guidelines, practices and procedures, methods, and regulations compliance.

### 2. Project Sites

Projects will be located near the pumping stations they serve and will not rely on third-party electric distribution or transmission assets. Pump station locations are shown on the map in Appendix A. The list of pump stations is in Appendix B. A 6-year statistic load information by pump station is in Appendix C.

Potential project sites may entail federal land, state land, member district land, or private property. Some sites may be subject to seasonal flooding.

- Bidders will be responsible for determining the cost to lease or purchase the parcel necessary for the project.

- Bidders will be responsible for the permitting and land development costs, including site preparation, interconnection, and bringing necessary utilities. Bidders are encouraged to seek cooperative assistance from the member districts hosting a proposed project.
- Construction activities and temporary storage of equipment and tools shall be confined to the perimeter of the project. The cost of material removal, environmental mitigation, and site clean-up shall be accounted for in the bidder's proposal.

### 3. Permits

Bidders will be responsible for the permitting of the project(s), including construction, environmental, and interconnection, in compliance with local, state, and federal regulations. Permitting costs will be accounted for in the bidder's proposal.

### 4. Project Development

Bidders are encouraged to review each pumping site and request historical load data from Eastside to determine the project feasibility.

Proposals shall include the complete scope of site preparation, development, interconnection, commissioning, and customer acceptance testing.

Bidders are welcome to propose alternative renewable/zero-carbon energy generation and storage technologies.

### 5. Types of Project Agreements

Bidders are encouraged to propose alternative agreements, including:

- Multi-year Power Purchase Agreements.
- Engineering, Procurement and Construction (EPC) for project ownership by Eastside or its member district(s).
- Build Own Transfer Agreements.
- Multi-year service agreement.
- Public-Private Partnerships.

In any case, Eastside will review the cost-competitiveness of the proposed agreement, including savings from the federal Inflation Reduction Act, Renewable Energy Credits, cost of electricity, and opportunities for federal or state grant funding.

### 6. Interconnections

Bidders are encouraged to submit cost-competitive solutions to interconnect several loads under a project (load aggregation), either physically, under RESBCT, or Net Energy Metering. Bidders are responsible for researching the applicability of interconnection regulations.

Project interconnection should be coordinated with the member districts and preferably scheduled during the winter months to minimize irrigation service disruption.

## 7. Generator Registration

Generation and storage projects must be registered and issued an identification number with the California Energy Commission, the Western Renewable Energy Generation Information System, and the Federal Energy Regulatory Commission, as applicable, prior to acceptance by Eastside or its member districts. Registration is the responsibility of the project developer and the costs must be accounted for in the bidder's proposal.

## 8. Other General Elements Necessary to Complete the Scope of Work

**Meeting and engaging with Eastside and its member districts** - In order to fully understand existing infrastructure and determine areas of concern, the bidders are encouraged to meet with Eastside's and member districts' staff.

**Mapping** – Additional on-the-ground analysis may be necessary to map and analyze current infrastructure, man-made and natural obstacles, and property and facilities restrictions.

**Sustainability** – Eastside and its member districts desire to implement low-impact design solutions and integrated management practices that serve the needs of the community while lowering the impact on member district resources and the surrounding environment.

**Resilience** – The proposed project(s) needs to incorporate resiliency of service under the local weather, seismic, and regulatory risks.

**System maintenance** – When proposing under EPC alone, bidder shall include the maintenance requirements, including monthly, annually, every 5 and 10 years. Equipment life, warranties, and Mean Time Between Failure (MTBF) shall be clearly disclosed in the proposal for key components.

## C. Administrative Information

### 1. Minimum Mandatory Qualification

Bidder must have completed a minimum of three (3) similar projects within the last five (5) years.

### 2. Issuing Office

The Eastside agent listed herein is to be the sole point of contact concerning this RFP. Bidders shall not directly contact other personnel regarding matters concerning this RFP or to arrange meetings related to such without first coordinating through Eastside's contact.

### 3. Official Means of Communication

All official communication from Eastside to bidders will be via e-mail. Eastside will post notices on its website that will include, but not be limited to, any modifications to administrative or performance requirements, answers to inquiries received, clarifications to requirements, and the announcement of award.

## 4. Inquiries

Prospective bidders may make written inquiries by e-mail before the written inquiry deadline concerning this RFP to obtain clarification of requirements.

No inquiries will be accepted after the deadline.

Inquiries regarding this RFP (be sure to reference RFP number) should be referred to:

Email: [nils@epsim.us](mailto:nils@epsim.us)

Subject line: ESPA RFP 202401 – (bidder)

Response to bidder's inquiries will be e-mailed in a timely manner. Bidders cannot rely on any other statements that clarify or alter any specification or other term or condition of the RFP.

**Should any interested bidder, sales representative, or manufacturer find any part of the listed specifications, terms and conditions to be discrepant, incomplete, or otherwise questionable in any respect, it shall be the responsibility of the concerned party to notify Eastside of such matters immediately upon discovery.**

## 5. Insurance

The successful contractor will be required to provide a Certificate of Insurance or other proof of insurance naming Eastside Power Authority and its agents as "additional insured". Coverage must include COMMERCIAL GENERAL LIABILITY coverage with minimum limits of \$1,000,000, and WORKERS COMPENSATION coverage with limits in accordance with State of California requirements. Contractor must provide Eastside with proof of EMPLOYER'S LIABILITY coverage with limits of at least \$500,000. COMPREHENSIVE AUTOMOBILE LIABILITY with minimum limits for bodily injury and property damage coverage of at least \$1,000,000, plus an additional amount adequate to pay related attorneys' fees and defense costs, for each of contractor's owned, hired or non-owned vehicles assigned to or used in performance of this Agreement. Awarded offeror must present Eastside with proof of PROFESSIONAL LIABILITY COVERAGE with a minimum limit of \$1,000,000 per occurrence and \$2,000,000 aggregate.

## 6. Modification or withdrawal of proposals

Proposals may be modified or withdrawn by the offeror prior to the established due date and time.

## 7. Minor informalities

Minor informalities are matters of form rather than substance evident from the response or insignificant mistakes that can be waived or corrected without prejudice to other vendors. Eastside may waive such informalities or allow the vendor to correct them depending on which is in the best interest of Eastside.



## 8. Responsibility determination

Eastside will make awards only to responsible vendors. Eastside reserves the right to assess offeror responsibility at any time in this RFP process and may not make a responsibility determination for every offeror.

## 9. Acceptance of RFP terms

A submission in response to this RFP acknowledges acceptance by the offeror of all terms and conditions as set forth herein. An offeror shall identify clearly and thoroughly any variations between its proposal and the RFP in the cover letter. Failure to do so shall be deemed a waiver of any rights to subsequently modify the terms of performance, except as outlined or specified in the RFP.

## 10. Confidential/proprietary information

Eastside neither requests nor encourages the submission of confidential/proprietary information in response to this Request for Proposal. All proposals will be confidential until a contract is awarded and fully executed. At that time, all proposals and documents pertaining to the proposals will be open for public inspection, except for the material that may be properly withheld under the exceptions to the California Public Records Act. However, requests for confidentiality can be submitted to Eastside provided that the submission is in accordance with the following procedures. This remains the sole responsibility of the offeror. Eastside will make no attempt to cure any information that is found to be at a variance with this procedure. The offeror may not be given an opportunity to cure any variances after proposal opening. Neither a proposal in its entirety, nor proposal price information will be considered confidential/proprietary. Questions regarding the application of this procedure must be directed to the contact for Eastside listed in this RFP.

Procedure:

1. The offeror will submit one (1) additional complete proposal clearly marked “FOR PUBLIC VIEWING.” In this version of the proposal, the offeror will black out all text and/or data that it wishes to be considered confidential and denote the information as “proprietary” or “confidential”.
2. A written description will accompany the “FOR PUBLIC VIEWING” copy of the proposal identifying the material that the offeror is considering proprietary or confidential. Specific reasoning as to why each item is to remain confidential, other than recitation of a specific state or federal statute, is required.
3. Where an offeror has submitted a “FOR PUBLIC VIEWING” version of their proposal, that version will be open to the public while the other copies of that offeror’s proposals will be maintained as confidential material. Proposals that are determined to be at variance with this procedure may be declared non-responsive by Eastside, and not given further consideration.

## 11. Acceptance of proposal content

The contents of the proposal (including persons specified to implement the project) of the successful contractor shall become contractual obligations into a contract award. Failure of the

successful offeror to perform in accordance with these obligations may result in cancellation of the award and such offeror may be removed from future solicitations.

## 12. RFP cancellation

Eastside reserves the right to cancel this RFP at any time, without penalty.

## 13. Negotiation of award

In the event only one (1) responsive proposal is received by Eastside, Eastside reserves the right to negotiate the award for the services with the offeror submitting the proposal in lieu of accepting the proposal as is or otherwise elect to not select such proposal.

## 14. RFP response/material ownership

All material submitted regarding this RFP becomes the property of Eastside, unless otherwise noted in the RFP.

## 15. Incurring costs

Eastside is not liable for any cost incurred prior to issuance of a legally executed contract and/or a purchase order.

## 16. Taxes

Eastside and its member districts are governments agencies, exempt from all federal excise taxes and all State and local government sales and use taxes. Where applicable, contractor will be responsible for payment of use taxes.

## 17. Assignment and delegation

Neither party to any resulting contract may assign or delegate any portion of the agreement without the prior written consent of the other party.

## 18. Standard of conduct

The successful firm shall be responsible for maintaining satisfactory standards of employees' competency, conduct, courtesy, appearance, honesty, and integrity, and shall be responsible for taking such disciplinary action with respect to any employee, as may be necessary. Eastside may request the successful firm to immediately remove from this assignment any employee found unfit to perform duties due to reasons including:

- (1) Neglect of duty.
- (2) Disorderly conduct, use of abusive or offensive language, quarreling, intimidation by words or actions or fighting.
- (3) Theft, vandalism, immoral conduct or any other criminal action.
- (4) Selling, consuming, possessing, or being under the influence of intoxicants, including alcohol, or illegal substances while on assignment for Eastside.

Agents and employees of Contractor or Consultant working in Eastside's member districts facilities shall present a clean and neat appearance. Prior to performing any work for Eastside, the Contractor or Consultant shall require each of their employees to carry proper identification including company identification.

## D. Submission Process

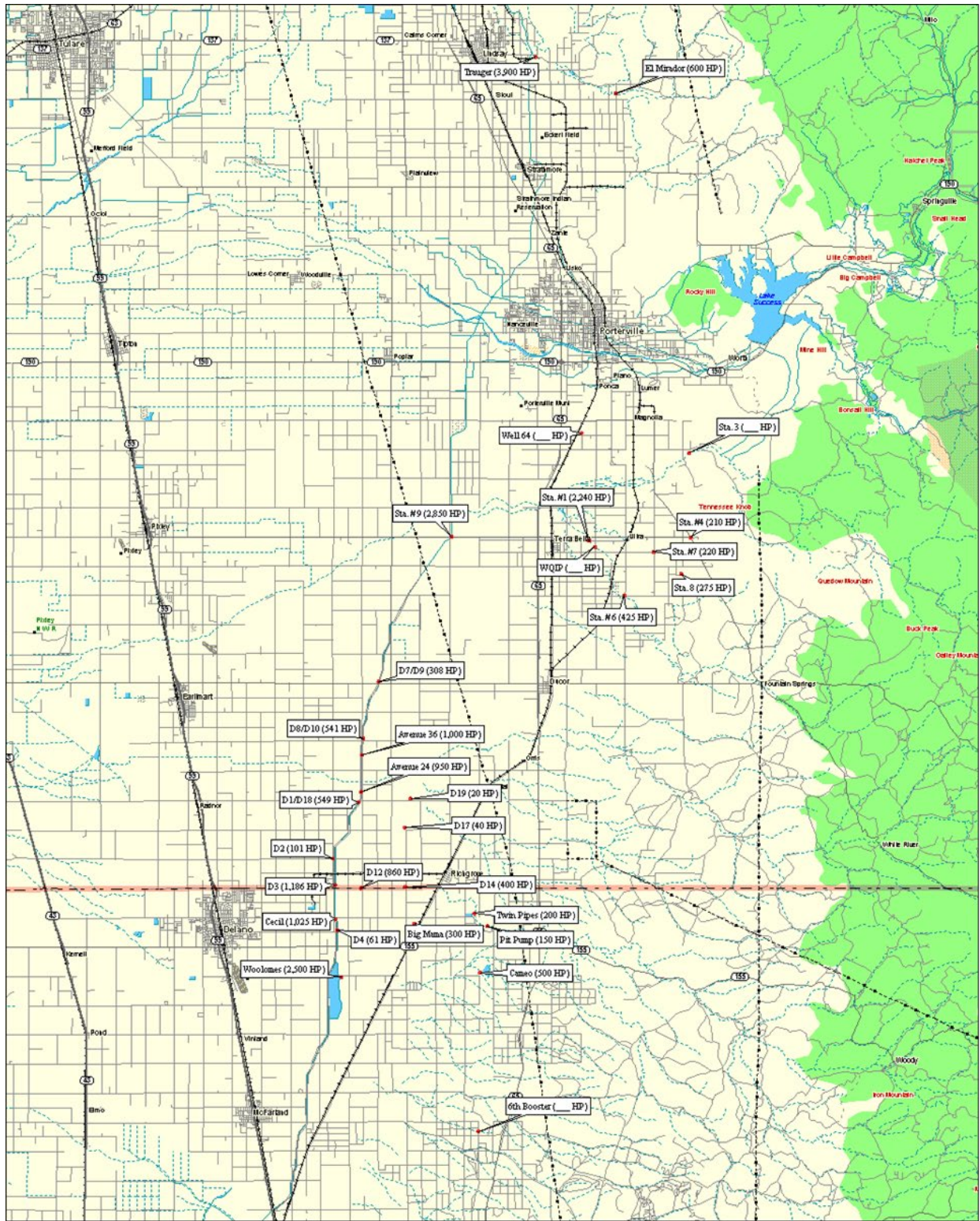
Bidder's proposal shall be articulated in the following order, with each section clearly marked:

- i. Cover letter
- ii. Company information
- iii. Use of Subcontractors/partners
- iv. Minimum mandatory qualifications
- v. Three customer references for similar projects performed in the last five years
- vi. Company/personnel qualifications and recent experience
- vii. Approach to scope of work, project control
- viii. Proposed scope of work
- ix. Proposed agreement and pricing
- x. Proforma of monthly energy generation, costs, and savings by project site
- xi. Hourly generation profile by project site
- xii. Exceptions to the RFP requirements
- xiii. Proposal acknowledgement form (Appendix D)

## E. Selection criteria

- Bidder's qualifications and prior experience
- Short- and long-term savings under various load scenarios, utility price increases, and market prices.
- Pass-through of IRA credits, REC value.
- Use of local workforce.
- Proposed technology
- Equipment country of origin.
- Project development schedule

# Appendix A: Site Map



## Appendix B: Pump Station List

Member District	Pump Station	Installed Capacity	SCE Tariff
Lindsay Strathmore ID	Trauger	2,900 kW	TOU-PA-3D
Lindsay Strathmore ID	El Mirador	445 kW	TOU-PA-3D
Terra Bella ID	STA9	2,125 kW	TOU-PA-3D
Terra Bella ID	STA1	1,670 kW	TOU-PA-3D
Terra Bella ID	STA3		TOU-PA-3D
Terra Bella ID	STA4	155 kW	TOU-PA-2D
Terra Bella ID	STA6	315 kW	TOU-PA-2D
Terra Bella ID	STA7	160 kW	TOU-PA-3D
Terra Bella ID	STA8	205 kW	TOU-PA-2D
Terra Bella ID	Well 64		TOU-PA-2D
Terra Bella ID	WQIP filtration plant		TOU-PA-2D
Delano Earlimart ID	D7/D9	210 kW	TOU-PA-2D
Delano Earlimart ID	D8/D10	380 kW	TOU-PA-3D
Delano Earlimart ID	D1/D18	410 kW	TOU-PA-3D
Delano Earlimart ID	D19	30 kW	TOU-PA-2D
Delano Earlimart ID	D17	40 kW	TOU-PA-2D
Delano Earlimart ID	D2	50 kW	TOU-PA-2D
Delano Earlimart ID	D3	860 kW	TOU-PA-3D
Delano Earlimart ID	D12	580 kW	TOU-PA-3D
Delano Earlimart ID	D14	350 kW	TOU-PA-3D
Delano Earlimart ID	D4	40 kW	TOU-PA-2D
Kern Tulare WD	Twin Pipes	150 kW	TOU-PA-2D
Kern Tulare WD	Rag Gulch Main	190 kW	TOU-PA-2D
Kern Tulare WD	Big Mama	220 kW	TOU-PA-3D
Kern Tulare WD	Cecil	745 kW	TOU-PA-3D
Kern Tulare WD	Lake Woolomes	1,860 kW	TOU-PA-3D
Kern Tulare WD	Cameo	520 kW	TOU-PA-3D
Kern Tulare WD	6 Booster	75 kW	TOU-PA-2D
Kern Tulare WD	Avenue 24	670 kW	TOU-PA-3D
Kern Tulare WD	Avenue 36	730 kW	TOU-PA-3D

## Appendix C: 6-Year Load Statistics

CF: 6-Year Average Daily Capacity Factor (Average daily energy / [Monthly max demand x 24 hr])

Max: 6-Year Average Monthly Maximum Demand (kW)

Energy: 6-Year Average Daily Energy (kWh/day)

Median: 6-Year Average Median Power (kWh/hour)

		TBID									
		STA1	STA3	STA4	STA6	STA7	STA8	STA9	Well64	WQIP	
January	CF	11%	32%	2%	21%	6%	3%	6%	0%	37%	
	Max kW	345	52	98	0	85	65	453	-	79	
	Energy kWh/day	949	397	46	2	117	45	681	-	701	
	Median kW	32	-	-	-	1	1	9	-	31	
February	CF	15%	27%	11%	4%	9%	3%	13%	0%	56%	
	Max kW	596	56	140	129	118	131	776	39	54	
	Energy kWh/day	2,142	361	363	126	268	83	2,400	0	720	
	Median kW	35	-	0	-	1	1	34	-	31	
March	CF	20%	13%	9%	5%	14%	2%	10%	0%	51%	
	Max kW	437	52	142	115	95	131	880	-	54	
	Energy kWh/day	2,070	161	305	152	316	55	2,141	-	659	
	Median kW	77	-	-	-	1	1	51	-	31	
April	CF	30%	14%	36%	21%	14%	7%	27%	0%	51%	
	Max kW	725	37	141	182	143	217	1,211	1	70	
	Energy kWh/day	5,232	125	1,211	931	485	384	7,825	0	861	
	Median kW	170	-	49	27	9	1	286	-	36	
May	CF	43%	0%	40%	28%	21%	21%	42%	0%	53%	
	Max kW	882	18	194	301	166	230	1,430	-	76	
	Energy kWh/day	9,159	1	1,839	2,058	855	1,181	14,525	-	971	
	Median kW	378	-	83	86	34	63	599	-	40	
June	CF	53%	0%	11%	46%	23%	33%	56%	0%	55%	
	Max kW	1,033	14	895	265	191	233	1,576	-	80	
	Energy kWh/day	13,224	1	2,325	2,933	1,056	1,844	21,024	-	1,059	
	Median kW	555	-	97	124	34	72	910	-	45	
July	CF	58%	19%	69%	52%	31%	41%	63%	0%	59%	
	Max kW	1,069	0	139	269	190	231	1,574	-	74	
	Energy kWh/day	14,829	1	2,292	3,379	1,408	2,253	23,797	-	1,051	
	Median kW	616	-	102	139	43	75	958	-	45	
August	CF	59%	1%	69%	48%	33%	43%	65%	0%	60%	
	Max kW	1,078	17	139	296	189	231	1,580	19	72	
	Energy kWh/day	15,378	3	2,305	3,414	1,474	2,356	24,517	0	1,046	
	Median kW	633	-	100	127	44	73	989	-	42	
September	CF	51%	0%	56%	39%	22%	32%	53%	0%	49%	
	Max kW	1,029	17	137	298	184	227	1,570	-	69	
	Energy kWh/day	12,565	1	1,828	2,789	956	1,733	19,879	-	801	
	Median kW	537	-	83	112	36	70	855	-	37	
October	CF	48%	2%	52%	36%	13%	16%	38%	0%	48%	
	Max kW	756	57	140	190	185	223	1,180	-	67	
	Energy kWh/day	8,693	28	1,749	1,628	587	882	10,869	-	775	
	Median kW	316	-	65	65	1	1	372	-	31	
November	CF	21%	9%	22%	17%	9%	8%	17%	0%	47%	
	Max kW	727	69	139	114	142	153	1,108	-	54	
	Energy kWh/day	3,616	141	725	455	313	286	4,577	-	608	
	Median kW	96	-	0	0	1	1	99	-	24	
December	CF	8%	14%	6%	1%	8%	3%	6%	0%	48%	
	Max kW	860	53	105	247	118	227	1,247	-	50	
	Energy kWh/day	1,678	174	163	51	218	190	1,688	-	582	
	Median kW	31	-	0	-	1	1	6	-	23	

		DEID									
		D7D9	D8D10	D1D18	D17	D19	D2	D12	D14	D3	D4
January	CF	4%	4%	8%	10%	4%	14%	6%	6%	9%	17%
	Max kW	60	42	147	13	0	33	127	88	198	16
	Energy kWh/day	62	36	286	31	0	109	175	119	443	66
	Median kW	1	-	1	0	-	1	3	-	13	1
February	CF	21%	8%	12%	24%	11%	13%	15%	11%	16%	16%
	Max kW	136	272	277	21	0	32	266	144	477	31
	Energy kWh/day	674	512	785	122	0	102	928	393	1,828	121
	Median kW	21	9	23	7	-	1	24	9	63	5
March	CF	12%	8%	10%	29%	11%	20%	8%	12%	10%	12%
	Max kW	101	213	187	12	0	22	245	118	421	35
	Energy kWh/day	292	423	460	82	0	104	467	329	998	102
	Median kW	11	9	13	0	-	1	4	9	14	5
April	CF	27%	23%	21%	38%	11%	33%	26%	19%	29%	19%
	Max kW	170	313	288	22	0	35	298	183	473	33
	Energy kWh/day	1,111	1,755	1,481	196	0	270	1,866	854	3,319	152
	Median kW	24	53	46	7	-	8	40	26	81	5
May	CF	42%	34%	33%	37%	11%	38%	33%	22%	39%	30%
	Max kW	192	339	322	26	0	33	389	279	625	32
	Energy kWh/day	1,922	2,807	2,574	231	0	299	3,033	1,441	5,816	229
	Median kW	74	94	82	8	-	9	101	48	191	6
June	CF	36%	44%	34%	40%	11%	43%	41%	31%	35%	36%
	Max kW	306	341	425	32	0	36	508	268	955	42
	Energy kWh/day	2,670	3,611	3,506	305	0	371	4,985	2,000	8,097	367
	Median kW	102	129	123	11	-	9	176	68	289	14
July	CF	63%	49%	54%	56%	12%	43%	50%	42%	57%	46%
	Max kW	205	344	315	24	0	36	492	260	696	37
	Energy kWh/day	3,091	4,023	4,096	319	0	375	5,938	2,650	9,495	412
	Median kW	113	145	148	12	-	11	222	91	343	15
August	CF	58%	35%	40%	52%	13%	40%	41%	40%	47%	52%
	Max kW	190	318	293	23	0	30	476	263	667	30
	Energy kWh/day	2,629	2,695	2,836	287	0	290	4,711	2,531	7,553	366
	Median kW	104	92	106	11	-	8	181	99	291	14
September	CF	38%	30%	26%	31%	12%	25%	34%	34%	40%	39%
	Max kW	174	267	287	29	0	30	449	246	633	25
	Energy kWh/day	1,603	1,915	1,813	209	0	183	3,676	2,029	6,006	227
	Median kW	72	77	68	9	-	7	147	88	246	10
October	CF	32%	30%	20%	29%	13%	29%	23%	27%	31%	34%
	Max kW	161	209	275	29	0	31	449	186	576	24
	Energy kWh/day	1,228	1,481	1,349	196	0	217	2,492	1,222	4,264	192
	Median kW	37	49	49	7	-	7	87	44	149	6
November	CF	19%	11%	11%	24%	8%	19%	9%	9%	17%	22%
	Max kW	119	179	185	18	0	28	439	233	452	25
	Energy kWh/day	549	466	482	104	0	127	944	527	1,833	132
	Median kW	16	8	10	7	-	2	5	9	16	5
December	CF	5%	1%	6%	5%	13%	16%	4%	5%	6%	23%
	Max kW	85	227	104	9	0	25	236	159	403	12
	Energy kWh/day	98	58	148	11	0	96	250	182	584	69
	Median kW	1	1	1	-	-	1	0	0	13	1

		KTWD								
		6th Booster	Ave24	Ave 36	Big Mama	Cameo	Cecil	Lk Woolomes	RG Main	Twin Pipes
January	CF	17%	3%	3%	60%	10%	15%	9%	14%	1%
	Max kW	0	172	97	2	315	248	358	214	83
	Energy kWh/day	2	107	77	22	750	891	752	712	27
	Median kW	-	2	2	1	2	2	1	0	-
February	CF	3%	6%	11%	66%	13%	24%	16%	12%	6%
	Max kW	48	190	373	2	396	299	1,114	173	99
	Energy kWh/day	35	258	1,007	24	1,266	1,687	4,404	512	139
	Median kW	-	2	2	1	2	2	2	0	0
March	CF	4%	9%	22%	35%	11%	15%	13%	12%	4%
	Max kW	46	191	252	3	459	374	1,359	112	153
	Energy kWh/day	40	419	1,332	24	1,262	1,383	4,393	321	148
	Median kW	-	2	2	1	36	2	2	0	0
April	CF	5%	16%	24%	62%	24%	39%	28%	17%	12%
	Max kW	60	644	479	2	503	401	1,078	189	173
	Energy kWh/day	72	2,480	2,761	22	2,939	3,725	7,342	750	498
	Median kW	0	3	113	1	92	140	345	26	10
May	CF	10%	29%	31%	12%	39%	49%	40%	23%	21%
	Max kW	67	574	476	250	508	629	1,804	210	180
	Energy kWh/day	156	4,058	3,520	728	4,766	7,334	17,122	1,154	914
	Median kW	0	100	143	1	189	277	708	38	25
June	CF	16%	35%	36%	40%	46%	61%	62%	40%	38%
	Max kW	57	750	564	252	504	825	1,840	218	181
	Energy kWh/day	224	6,381	4,881	2,394	5,512	12,057	27,202	2,085	1,636
	Median kW	6	203	181	1	227	499	1,068	72	52
July	CF	25%	39%	38%	56%	50%	74%	83%	46%	43%
	Max kW	78	756	505	252	509	822	1,789	202	174
	Energy kWh/day	468	7,086	4,587	3,389	6,084	14,613	35,817	2,205	1,816
	Median kW	18	275	153	182	240	637	1,738	74	47
August	CF	21%	34%	30%	62%	50%	75%	80%	49%	49%
	Max kW	66	754	522	252	507	824	1,781	197	174
	Energy kWh/day	331	6,160	3,767	3,722	6,098	14,880	33,992	2,296	2,021
	Median kW	11	184	137	190	212	645	1,734	81	60
September	CF	19%	33%	24%	23%	37%	50%	38%	29%	26%
	Max kW	48	480	505	251	511	743	1,755	210	173
	Energy kWh/day	218	3,744	2,940	1,383	4,548	8,899	16,046	1,468	1,087
	Median kW	2	95	106	1	175	377	693	53	30
October	CF	14%	25%	20%	3%	26%	38%	34%	20%	14%
	Max kW	32	471	466	220	511	529	1,052	211	173
	Energy kWh/day	107	2,878	2,204	159	3,193	4,789	8,643	1,002	592
	Median kW	0	84	70	1	96	146	346	33	1
November	CF	6%	7%	13%	36%	17%	29%	18%	22%	9%
	Max kW	6	392	234	2	352	282	696	113	125
	Energy kWh/day	8	635	709	20	1,446	1,967	2,952	600	256
	Median kW	0	2	2	1	38	2	1	1	0
December	CF	0%	1%	5%	63%	13%	12%	8%	9%	5%
	Max kW	52	193	131	1	266	262	429	198	59
	Energy kWh/day	4	50	172	21	836	757	830	408	75
	Median kW	-	1	2	1	2	2	1	0	-



		LSID	
		El Mirador	Trauger
January	CF	3%	5%
	Max kW	277	942
	Energy kWh/day	208	1,166
	Median kW	-	7
February	CF	12%	16%
	Max kW	293	1,187
	Energy kWh/day	863	4,651
	Median kW	14	26
March	CF	9%	11%
	Max kW	161	816
	Energy kWh/day	358	2,175
	Median kW	5	24
April	CF	18%	25%
	Max kW	310	1,519
	Energy kWh/day	1,325	9,210
	Median kW	33	374
May	CF	27%	34%
	Max kW	366	2,181
	Energy kWh/day	2,407	18,058
	Median kW	82	778
June	CF	34%	55%
	Max kW	433	2,089
	Energy kWh/day	3,477	27,348
	Median kW	156	1,088
July	CF	39%	64%
	Max kW	431	2,079
	Energy kWh/day	4,078	31,789
	Median kW	159	1,283
August	CF	49%	65%
	Max kW	435	2,152
	Energy kWh/day	5,062	33,497
	Median kW	206	1,345
September	CF	42%	57%
	Max kW	441	2,051
	Energy kWh/day	4,460	28,106
	Median kW	180	1,169
October	CF	32%	48%
	Max kW	426	1,607
	Energy kWh/day	3,273	18,527
	Median kW	119	727
November	CF	20%	25%
	Max kW	385	1,622
	Energy kWh/day	1,864	9,777
	Median kW	32	280
December	CF	7%	6%
	Max kW	293	1,907
	Energy kWh/day	523	2,830
	Median kW	-	10

## Appendix D: Proposal Acknowledgement Form

PROJECT NAME:

Failure to complete, sign and return this submittal page with your proposal may be cause for rejection.

Contact Information	Response
Company Name	
Name and Title of Primary Contact Person	
Company Address	
Phone Number	
Email Address	
Company Website	

By signing below I certify that:

- I am authorized to bid on my company’s behalf.
- I am not currently an employee of the Eastside Power Authority.
- None of my employees or agents are currently employees of the Eastside Power Authority.
- I am not related to any Eastside employee or Elected Official.

\_\_\_\_\_

Signature of Person Authorized on Company’s Behalf

\_\_\_\_\_

Date

Note: If you cannot certify the above statements, please explain in the space provided below.