CALIFORNIA ENERGY COMMISSION
1516 NINTH STREET
SACRAMENTO, CA 95814-5512

Notice of Proposed Awards
Request for Proposals No. 500-00-509

PIER ENVIRONMENTALLY PREFERRED ADVANCED
GENERATION PROGRAM (EPAG)

The attached tables make up the NOPA and identify 1) whether a proposal passed or failed the eligibility, completeness and feasibility screening, 2) whether a proposal passed or failed the technical evaluation, and 3) which of the "finalists" proposals will be awarded a contract. The NOPA is being mailed to all parties who submitted a proposal to this solicitation. In addition, it is publicly displayed in the Commission's Contracts Office at 1516 9th Street, Sacramento, CA 95814. Parties wishing to receive the scores by criteria may request a copy of the scoring matrix from the Contracts Office by contacting:

Phone: (916) 654-4392
FAX: (9160 654-4423
e-mailksilva@energy.state.ca.us

Persons wishing further information on this matter may contact Judith Efhan, Contracts Officer at (916) 654-4397.

Release Date: September 10, 2001
Expiration Date: September 17, 2001

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04-Sep-01

Environmentally Preferred Advanced Generation RFP #500-00-509

ID	Applicant	Project Title	Funding Amount	Match Funds Pledged	Total Score	Rank
Proposed Award						
19	***Alzeta Corporation***	Ultra-Low Nox Combustion System a 13.5 Gas Turbine Generator	**$2,404,310**	**$1,076,510**	107	1
47	***Clean Energy Systems Inc.***	A 500kW Zero-Emission Gas-Fired Power Plant	**$2,003,286**	**$2,045,931**	107	2
18	***Catalytica Energy Systems, Inc.***	Xonon Ultra-low Combustion in Small Multican Turbines	**$2,997,988**	**$3,394,304**	107	3
26	***Lawrence Livermore National Laboratory***	Reduced Temperature SOFCs Operating on Direct Oxidation of Natural Gas	**$3,000,000**	**$6,000,000**	105	4
41	***Gas Technology Institute***	Design, Construction, and Operation of a Power Module for High Efficiency, Low-Cost, Multi-Fueled 10-100 kW Solid Oxide Fuel Cells	**$2,999,998**	**$1,309,204**	104	5
9	***ALM Turbine, Inc.***	The Testing, Optimization & Demonstration of an (EPAG) Microturbine	**$2,867,270**	**$3,405,443**	104	6

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2	***Solar Turbines Incorporated***	Catalytic Combustor-Fired Industrial Gas Turbine	**$2,999,644**	**$1,623,005**	103	7
14	***GE Energy and Environmental Research***	An Integrated Distributed Power System Using a PEM Fuel Cell and an Autothermal Cyclic Reformer	**$1,959,013**	**$2,040,987**	103	8
40	***Gas Technology Institute***	Development of a Partial Oxidation Gas Turbine for Combined Electricity and Hydrogen-Enriched Fuel Gas Production	**$1,618,084**	**$1,618,083**	101	9
		Total Requested =	**$22,849,593**	**$22,513,467**		

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Finalist						
32	***Clean Energy Systems, Inc.***	Creating a Gas Generator Computational Model	**$625,000**	**$75,000**	97.4	10
43	***Regents of the University of California***	Low Emissions Fuel Flexible Combustor for Microturbines	**$1,535,338**	**$287,221**	96.6	11
30	***Altex Technologies Corporation***	Fuel Flexible and Reliable Reformer for Fuel Cell Application	**$1,733,445**	**$1,807,969**	95	12
34	***EPRI PEAC Corporation***	Ultracapacitor-Based Generator Stabilizing Device	**$374,300**	**$386,694**	91.8	13
		Total Requested =	**$4,268,083**	**$2,556,884**		

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DISQUALIFIED BY TECHNICAL SCORES

ID	Applicant	Project Title	Amount Requested	Total Score
10	Gas Technology Institute	Development of Clean, Efficient, Variable and Multi-Fuel Capability for an Ingersoll-Rand Micro-Turbine	$1,050,459	85
27	Advanced Material Sciences, Inc.	Discovery & Development of PEM Fuel Cell Catalysts, Membranes, and Improvement in Cathodic Efficiency	$1,398,844	84
45	Regents of the University of California	Low Emissions Affordable Power	$2,488,157	80
24	Lawrence Livermore National Laboratory	Direct Carbon Fuel Cells Using Petroleum Coke	$2,265,818	79
44	Regents of the University of California	Megawatt Tubular Solid Oxide Fuel Cell Demonstration in a Power Park Setting	$2,901,949	79
42	University of North Dakota Energy & Environmental Research Center	Biomass Boundary Layer Turbine Development	$965,591	76
5	Lawrence Berkeley National Laboratory	Low Cost Solid Oxide Fuel Cells	$2,829,520	75
16	Energetics Incorporated	RD&D in the Science and Technology of Regenerative Fuel Cells	$2,321,280	75
29	Regents of the University of California	Grid-Connected Demonstration of the World's First Hybrid Fuel Cell Gas Turbine System	$2,949,065	75
21	CMC-Engineering	Ultra Low Nox Burner System in Combined Heat and Power Industrial/Commercial Applications	$1,077,860	75
48	EPRI	Knowledge-Based Tool Box for Integration of EPAG in Electric Power Systems	$1,996,533	75

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ID	Applicant	Project Title	Amount Requested	Total Score
20	University of North Dakota Energy & Environmental Tesearch Center	Development and Testing of an SOFC Gasification System	$1,205,002	71
13	Candent Technologies, Inc.	750kW Simple Cycle Small Turbine Electrical Power Generation System	$2,935,256	70
6	SEIC, AP (A California General Partnership)	Sunfire solar dish/microturbine	$2,676,079	69
11	FAS Engineering, Inc.	Efficient Bottoming Part of Combined Cycle for Small Power Systems	$1,454,001	69
3	Microcell Corporation	Fabrication of Fuel Cells from Micro-fibers	$2,223,151	66
15	FlexEnergy	Improving Flex-Microturbine Ruggedness and Life on Low Btu Gases	$2,080,794	66
12	GC Environmental, Inc.	H2 Production Using CMSM Water Gas Shift Reactor	$1,484,293	64
17	DCH Technology	An optimized cost effective control system and operating strategy to maximize public and private benefits derived	$2,096,765	63

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DISQUALIFIED BY COMPLETENESS AND FEASIBILITY SCREENING

ID	Applicant	Project Title	Amount Requested
1	Los Angeles Department of Water and Power (LADWP)	LADWP Playa Vista Development Complex (PVDC) Fuel Cell	$200,000
4	Los Angeles Department of Water and Power (LADWP)	John Ferraro Building Fuel Cell	$250,000
7	AeroVironment	Hydrogen/Halogen Regenerative Fuel Cell	$4,700,000
23	Neptune Sciences, Inc.	Powering Regenerative Fuel Cells with Power from the Sea Electricity Systems (PoSES)	$2,980,000
25	Lawrence Livermore National Laboratory	Natural Gas-Assisted Steam Electrolyzer	$2,700,000
28	Universal Steam Corporation	Mfg. 12 Steam Engines & Proof Test/Burst Test/Performance Test at Independent Test Laboratory	$1,000,000
33	Oak Ridge National Laboratory	Ceramic Matrix Composite Combustor Liners for Microturbines	$0
35	Solar Hydrogen Technologies dba IPC	IPC's Regenerative Fuel Cell System	$3,000,000
36	Los Angeles Department of Water and Power (LADWP)	LADWP Terminal Island Fuel Cell	$250,000
37	Los Angeles Department of Water and Power (LADWP)	LADWP American Airlines Terminal Fuel Cell	$250,000

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DISQUALIFIED BY ADMINISTRATIVE ELIGIBILITY SCREENING

ID	Applicant	Project Title	Amount Requested
8	Underwriters Laboratories Inc.	Development of UL Standard for Proton Exchange Membrane Fuel Cells (PEMFC) and PEMFC/Hybrid Systems	$354,625
31	Capstone Turbine Corporation	Ceramic Ultra High Efficient Microturbine Generator System	$2,987,317
39	Underwriters Laboratories, Inc.	Development of UL Standard for Micro and Small Turbines	$638,761
46	Capstone Turbine Corporation	Microturbine Hybrid Cycle System	$867,658