



South Coast Air Quality Management District

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NEWS

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SCAQMD Awards More Than \$47 Million in Incentive Funds to Implement and Demonstrate Cleaner Technologies and Fuels to Reduce Air Pollution

The South Coast Air Quality Management District today awarded \$47.4 million to 26 businesses, organizations, universities, government agencies and utility companies in the South Coast Basin and Coachella Valley to help them purchase and upgrade their equipment with cleaner and energy efficient technologies. Much of the funding will be directed at environmental justice communities that are close to industrial areas and are some of the hardest hit by air pollution. The projects are located in all four counties in SCAQMD's jurisdiction.

“By partnering with and providing funding to projects that coincide with SCAQMD's goals, we can begin to replace older, higher-emitting appliances and equipment, support infrastructure that promotes cleaner and renewable fuels, upgrade engines and vehicles to zero- and near-zero emission technologies and help green our ports” said Wayne Natri, SCAQMD's executive officer. “Reductions in air pollution must come from several sectors to benefit public health for our communities and our local economy.”

To meet federal Clean Air Act requirements for the region, SCAQMD uses an array of methods to reduce air pollution that includes incentive funding to support cost-effective and feasible projects to aid in achieving SCAQMD's air quality goals.

“Great strides have been made in air pollution control programs but health-based air quality standards cannot be achieved without significant further emission reductions from stationary and mobile sources,” Natri said. “In order to meet these goals, we must use every tool in our toolbox to meet and achieve our clean air objectives.”

SCAQMD's 2016 Air Quality Management Plan seeks to achieve and maintain federal air quality standards within attainment deadlines to comply with federal Clean Air Act requirements. The region must meet the 1-hour ozone, 8-hour ozone, 24-hour PM2.5, and annual PM2.5 National Ambient Air Quality Standards within the next 12 years.

Funds for these projects come from air quality penalty settlements, mitigation fees and other sources.

The following is a list of projects approved today by SCAQMD's Board.

Project Proponent	Project Title	Funding Amount (up to)
Institute of Gas Technology	Ultra-Low-NOx Commercial Foodservice Deep Fat Fryer Development	\$321,970
Institute of Gas Technology	High Efficient and Low-NOx Combo Ribbon Burner Combustion System Demonstration	\$1,282,000
Nett Technologies	Commercial Harbor Craft NOx and PM Emission Reduction Technology Demonstration	\$1,338,750
Rialto Bioenergy Facility, LLC	Rialto Bioenergy Facility RNG Upgrading and Interconnection Project	\$4,365,801
Chanje Energy, Inc.	Chanje Zero-Emission Panel Van Deployment Project	\$3,000,000
Grant Farm	AMPCaddy Deployment Program	\$361,030
Harley Marine Services	Electric Drive Tugboat Technology Project	\$3,000,000
Beckett Gas, Inc.	Application of Swirl-Pattern Burner Head Technology (Rule 1111)	\$791,992
BioFuels Energy, LLC	Aquarium of the Pacific 1320 kW Fuel Cell Power Generation System	\$650,000
University of Redlands	Microgrid System at University of Redlands	\$1,962,000
Transportation Power, Inc.	Electric Class 8 Refuse Trucks Using Advanced Charging and Renewable Energy	\$2,250,000
Port of Long Beach	The Port of Long Beach Zero- Emission and Hybrid Terminal Equipment Deployment and Demonstration Project	\$2,500,000
FuelCell Energy, Inc.	Riverside Flare Reduction Project: Producing Renewable Hydrogen & Power and Avoiding NOx and VOC	\$3,767,380
Southern California Gas Company	Midstream Commercial Water Heating Incentive Program	\$1,221,237
Southern California Gas Company	Residential Fuel Cell Demonstration with PV and Storage	\$490,000
University of Southern California	Transient Pulsed Plasma Technology for Retrofit Treatment of Diesel Emissions	\$688,045
Clean Energy	Market Acceleration Program (MAP) (HD NZ NG Truck Replacement)	\$3,000,000

Project Proponent	Project Title	Funding Amount (up to)
Lantec Products	Next Generation Ultra Low NOx Forced Air Forced Air Furnace	\$340,000
Healthy Hearth, LLC	HearthCAT Retrofit Program	\$2,280,000
PureFlame Technologies, LLC	Restaurant Emissions - PM Reduction Program	\$100,000
Alcal Specialty Contracting	Residential Energy Efficiency Retrofit Project (Coachella Valley)	\$966,667
Coachella Valley Association of Governments	Regional PM-10 Street Sweeping Operations in Coachella Valley	\$1,150,000
Association for Energy Affordability, Inc.	Multifamily Affordable Housing Electrification Project: Zero-NOx Water Heating, Space Heating, Cooking and Laundry Systems	\$7,740,000
Advanced Energy Machines	Zero emission transport refrigeration at Heart of Compassion Distribution	\$338,920
Bloom Energy, Corp.	Fuel Cells Integrated with Energy Storage on College of the Canyons Campus	\$3,000,000
Alcal Specialty Contracting	Residential Energy Efficiency Retrofit Project (San Fernando Valley)	\$480,000
		Total: \$47,385,792

SCAQMD is the air pollution control agency for Orange County and major portions of Los Angeles, San Bernardino and Riverside counties.

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