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Lane Regional Air Protection Agency Wins US EPA Clean Air Excellence Award

Award Recipient's Efforts to Reduce Emissions Improve Air Quality along the I-5 Corridor

The Lane Regional Air Protection Agency (LRAPA) received a Clean Air Excellence Award from the US Environmental Protection Agency (EPA) for their impressive achievements and leadership in reducing emissions of air pollutants and greenhouse gases resulting through their innovative "Everybody Wins" program. The award was presented May 9 at a ceremony in the Smithsonian National Museum of the American Indian (NMAI) in Washington, D.C.

LRAPA's Everybody Wins program uses loan money available from the Oregon Department of Energy to provide low-cost lease-to-own arrangements on Auxiliary Power Units (APUs) for truckers who spend a majority of their idling time on the I-5 corridor in Oregon. Through the Everybody Wins program, LRAPA has installed 350 APUs .

APUs act as a power generator for trucks to provide heat and air conditioning to the cab while drivers rest, reducing unnecessary idling. APUs save drivers approximately 160 gallons of fuel per month (an 80% reduction in fuel consumption) resulting in decreased emission of harmful pollutants. For every 1,000 units installed, these generators decrease diesel particulate matter by 82 tons, nitrogen oxides by 288 tons, and carbon monoxide by 21,382 tons. Similarly, this technology saves over \$480 per month in fuel over the life of the APU while increasing truck-driver awareness of the environmental issues associated with their profession.

The Everybody Wins program has also demonstrated the commercial viability of APUs and established a model that can be replicated by interested parties across the nation. "One should never underestimate the power of American innovation," says Stephen L. Johnson, EPA Administrator. "These original ideas and cutting-edge projects embody our nation's unwavering commitment to cleaner, healthier air. LRAPA's achievements are an inspiration to others and portray our country's dedication to excellence."

The next phase of the Everybody Wins program will involve tracking usage patterns of 100 APU devices using Global Positioning System (GPS) technology. Information technology services for this project will be coordinated by the Lane Council of Governments in cooperation with LRAPA. Raw data will be gathered and used to quantify the idle reduction and fuel savings provided by the use of APUs. The resulting database will provide a basis for demonstrating the effectiveness and environmental benefits of APUs .

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