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Partners for Clean Air business recognition – 2014 Platinum award

The Platinum award is the Northwest Clean Air Agency's top honor for businesses. The Platinum winner stands out for clean air practices in all four of the categories we use to evaluate applicants for Gold level recognition: Energy efficiency; emissions reductions; air pollution prevention practices related to their specific business sector; and transportation, such as commute trip reduction, no idle policies and cleaner fleets.

The 2014 Platinum award winner is Trident Seafoods in Anacortes. Here are highlights of the plant's exceptional efforts to improve and protect air quality in our region:

Energy efficiency

- Replacing metal halide bulbs with LED lights, reducing energy consumption by about 0.3 percent.
- Achieved, on average, a 9 percent reduction per month in energy use, and more than 20 percent reduction overall, while increasing production 12 percent in four years.
- Implemented 44 of 45 Puget Sound Energy recommendations to optimize industrial systems, reducing the plant's energy use by 6.5 percent.

Emissions reductions

- Installed a dust collection system that reduced airborne particles.
- Upgraded the fryer exhaust system, reducing odors.

Industry/sector specific practices

- Upgraded refrigeration computer control system to improve performance and efficiency.
- Replaced cold storage doors with high-speed, insulated, efficient doors.
- Installing programmable hydraulic pressure systems to run the fewest pumps necessary, reducing facility energy use by about 2 percent.
- Installed variable speed drives on primary refrigeration compressors and evaporator motors.
- Installed a new economizer on a boiler exhaust system, reducing natural gas consumption.
- Upgraded the fryer exhaust system, reducing natural gas consumption by 90 percent. The reduction in natural gas consumption paid for this project in one year.

Transportation

- Trucks are not allowed to idle onsite.
- Only electric forklifts are used.