ACT NOW TO UPGRADE INEFFICIENT LIGHTING – INCENTIVES WILL EXPIRE

Many wastewater treatment plants use T12 fluorescent lights with magnetic ballasts. These types of lights can use up to 40% more energy than the more efficient T8 lighting systems.

Not only are T12 lamps inefficient by today's standards, most currently on the market will no longer be available as replacement lamps because they do not meet new federal efficiency standards that become effective July 14, 2012. When industrial-type facilities - - like wastewater treatment plants - - move from T12 to T8 lighting, there can be a substantial reduction in energy use and a significantly smaller energy bill.

Generous incentives are available from most Northwest electrical utilities to make these changes, but you must act soon. Utilities don't pay incentives for upgrades that merely meet new standards, so all indications are that the incentives for replacing T12s will expire in July 2012.

Assuming you'll want to have fixtures in your facility that use readily available lamps, you will most likely be changing out T12 fixtures in the near future. Why not do it now and get incentives to help with the costs?

To take action to secure available incentives for a lighting upgrade at your facility, follow the information below:

- **If your wastewater plant is served by Pacific Power or PGE:**

  If your wastewater plant gets its electricity from Pacific Power or Portland General Electric, learn more about the available incentives and steps for securing financial assistance by visiting the Energy Trust of Oregon web site at http://energytrust.org/public-sector/incentives/water-wastewater-treatment-facilities/equipment-upgrades/LightingAndLightingControl/LightingLightingControls/

  A few key things to remember:

  1. The lighting upgrade project must be approved by Energy Trust of Oregon **PRIOR** to implementing the project in order to qualify for financial incentives
  2. Energy Trust of Oregon has a variety of lighting contractors serving many communities. The contractors know the system and the paperwork required for reimbursement.

- **If your wastewater plant is served by a public power utility such as a PUD, coop, or municipality:**

  If your wastewater plant gets it electricity from a utility served by public power through the Bonneville Power Administration (a PUC, coop or municipality), contact your local electric utility to learn more about the incentives and the steps for securing financial assistance. Alternatively, contact Layne McWilliams, Water/Wastewater Sector Specialist with BPA's Energy Smart Industrial program, at layne.mcwilliams@energysmartindustrial.com.

More information is available at https://conduitnw.org/Pages/File.aspx?RID=605

Remember that mercury-containing fluorescent tubes and ballasts must be properly handled as a universal hazardous waste – more on the DEQ regulations at http://www.deq.state.or.us/lq/pubs/factsheets/hw/LampsBallasts.pdf