

New EPA Resources: Expiring PPA Toolkit and Organic Waste Methane Mitigation



The U.S. EPA Landfill Methane Outreach Program (LMOP) is pleased to announce two new resources available on our website, a **Toolkit for Expiring Landfill Gas (LFG) Electricity Power Purchase Agreements (PPAs)**, and **Downstream Management of Organic Waste in the United States: Strategies for Methane Mitigation**.

Toolkit for Expiring LFG Electricity PPAs

This Toolkit provides information on options that LFG electricity project owners may have when their PPA is nearing expiration. Most PPAs are between 10 and 20 years in length so many LFG electricity projects are nearing their PPA's end. Project owners considering next steps may benefit from reading through the **pros and cons, economic considerations, project examples and other information**. Some landfills can **continue operating an LFG energy project, while others are not able to due to landfill conditions or economic factors**. The Toolkit presents options for both scenarios, including **responsible ways to continue mitigating methane emissions** after shutting down an LFG electricity project.



Biofilters at Jefferson County Landfill, Washington. Used with permission from Jefferson County and Aspect Consulting.

Downstream Management of Organic Waste in the United States: Strategies for Methane Mitigation

This document provides an overview of organic waste management options, focusing on alternatives to landfilling such as composting and anaerobic digestion (AD), for the **primary purpose of reducing or mitigating methane emissions**. This new resource contains technical information about organic waste collection practices and processing technologies, potential benefits of and barriers to organic waste diversion, policies and incentives for increasing diversion rates, and tools and resources for evaluating organic waste management options in communities.

Diverting organic waste from landfills can achieve significant environmental, public health and economic benefits. Managing food and other types of organic waste in alternative ways will help address climate change by **decreasing landfill methane emissions**. Composting and AD of organic waste can produce useful end products that improve soil health and reduce erosion in addition to **renewable energy production** from AD. Implementing alternative waste management technologies can also spur investment and **new job creation**.



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