

Updated Version 3.1 of LFGcost-Web Now Available



The U.S. EPA Landfill Methane Outreach Program (LMOP) is pleased to announce an **update of its Landfill Gas Energy Cost Model, *LFGcost-Web***.

The updated model and user's manual can be downloaded from the [LMOP website](#).

LFGcost-Web, Version 3.1, replaces Version 3.0. **In 2015, LMOP undertook a peer review of *LFGcost-Web*, Version 3.0. Based on the results of the peer review as well as other updates, LMOP revised certain elements of the model replacing it with *LFGcost-Web*, Version 3.1.** Significant revisions between Version 3.1 and Version 3.0 of *LFGcost-Web* include:

- Updated approach and reference sources for calculating electricity prices and avoided CO₂ grid factors based on regional electricity grids instead of national average values.
- Added ability for users to generate a cost estimate for user-defined project sizes without requiring the user to enter landfill waste characteristics.
- Updated default user inputs.

LFGcost-Web is a Microsoft® Excel spreadsheet tool for performing preliminary economic analyses of prospective landfill gas (LFG) energy projects. The model calculates LFG generation profiles based on landfill characteristics and other user inputs. Using the calculated LFG profiles, or user-defined project sizes, the model estimates the cost to construct, operate and maintain the project. *LFGcost-Web* provides various project-specific outputs for 12 beneficial use technologies as well as an LFG collection and flaring system. These outputs include costs associated with constructing and operating an LFG energy project, other project finance parameters and estimates of potential greenhouse gas emission reductions.

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