



Proposed Development and Demonstration of a Biomass Energy Center for Food Processing Applications, Topeka, Kansas - Final Environmental Assessment (DoeEA-1658)

By National Energy Technology Laboratory

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. 72 pages. Dimensions: 11.0in. x 8.5in. x 0.2in.DOE prepared this Environmental Assessment (EA) to assess the potential impacts to the human and natural environment of its Proposed Action - providing financial assistance to Burns and McDonnell Engineering under a cooperative agreement. DOE's objective is to support the development of innovative technologies that when deployed commercially, will enable industry to reduce natural gas requirements for chemical feed stocks and increase opportunity fuels. Under the terms of the cooperative agreement, DOE would provide 1, 655, 945 for Burns and McDonnell Engineering to facilitate the development and demonstration of a biomass energy center at the Frito-Lay manufacturing plant. It would consist of a fuel storage area, a boiler building, and a pipe rack to connect the center to existing plant utilities. The center would use a traditional stoker fired (saturated steam) boiler, which would burn a combination of dried wood waste, green wood waste, and less than 7 of tire derived fuel. The boiler would have an output of up to 78. 3 Million British Thermal Units per hour. The proposed biomass energy center would be integrated into the Frito-Lay manufacturing...



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