



Increasing Production of Ethanol as a Part of Energy Supply in the U.S. and Its Impact on Imported Oil in the 21st Century

Mohamed Dabbagh
MBA Program
Florida Metropolitan University
3924 Coconut Palm Drive
Tampa, FL 33619-1354
ma_dabbagh@yahoo.com

Abstract

Introduction:

1. The aim of our research is to evaluate the production of Ethanol in the U.S. and its impact on the domestic supply since 1978, as well as expectations for future goals.
2. The increase of ethanol production around different parts of the domestic areas, transportation, marketing and availability in different parts of the U.S. market.
3. What are the other factors that have been proposed by large U.S. companies in order to produce ethanol from different forms in order to increase domestic supply.
4. Conducting research on the supply and demand of gasoline for the U.S. in the future.

The Production of Ethanol in the U.S. Market since 1978 and Its Impact on the Domestic Oil Supply

Background

Ethanol is created through the process called fermentation, which is an action of the decomposition of chemical compounds. For example, when yeast is added to sugar, a decaying process is initiated, resulting in carbon dioxide and alcohol (ethanol). An additional distillation process removes water content from alcohol, thus resulting in a much higher concentration of ethanol. In reality, the discovery of ethanol is dated back to the Middle Ages where it was labeled as "Vixin of life" because it was thought of as a curative substance for most diseases.