

The U.S. dependence on foreign oil is a national security concern. The Department of Defense is the largest federal government consumer of oil and the Army plays a significant role in reducing consumption. To do this, the Army must reduce fuel consumption at U.S. installations but most importantly, at deployed locations. Improving the efficiency and decreasing consumption of sustainment platforms, the largest battlefield consumers of fuel, became an Army priority during Operations Iraqi and Enduring Freedom. This new focus on emerging fuel technologies has the potential to decrease the logistical requirements in theater, reduce the budget outlays for fuel, and reduce risk for soldiers. In order to validate these claims, this monograph analyzes three case studies. The three emerging fuel technologies evaluated are microgrids, solar and wind power generators, and hybrid-electric tactical wheeled vehicles. The method used in the case studies is to replace an inefficient existing technology with the new one and calculate fuel savings, cost savings, risk reduction, and casualty reduction. The data collected from the analysis of these case studies draw some eye opening conclusions. Most significant is the number of tankers removed from the roads in one-year, which approaches 3,000, corresponding to close to 6,000 soldiers no longer needed in theater to deliver fuel. This decrease of soldiers leads to four soldiers who might have avoided death in Iraq in 2007. Because of these findings, this monograph asserts that the Army use an enterprise approach at developing and implementing emerging fuel technologies in order to decrease fuel cost and risk to soldiers.

Nationalism of modern Japan ISBN: 4875590423 (1994) [Japanese Import], Chinas western development and the construction of the legal system(Chinese Edition), Trout Fishers Handbook, Legally Kidnapped: The Case Against Child Protective Services, Love Letters to Read: Forgive me if you can, Pleasurable Acts, Tiberius Goes Camping, Space!: Our Solar System and Beyond (The Real Scientist), Metodologia da pesquisa em educacao (Portuguese Edition), Rickys Colorado Christmas,

Cutting the Army's Umbilical Cord. A Study of Emerging Fuel Technologies and their Impact on. National Security. A Monograph by. Cutting the Army's Umbilical Cord. By Maj Matthew A. Price. To get Cutting the Army's Umbilical Cord PDF, you should access the hyperlink below and save the. Cutting the Army's Umbilical Cord. Filesize: MB. Reviews. The publication is not difficult in study preferable to fully grasp. It really is rally intriguing through.

In an interview with SPIEGEL ONLINE, best-selling author Ahmed Rashid calls for the umbilical cord between the army and mullahs to be cut. Play the strategy game that lets you control an army of green soldiers at war What is it like to have a lotus birth " where the umbilical cord is not cut after birth, .

Cut nuclear power's umbilical cord to the military a US army experimental reactor which underwent a deadly steam explosion and meltdown. But on the other hand, that dynamic environment will cut down on from this umbilical cord of logistics and supply that American forces have.

Prolapsed Cord. A serious complication in which circulation to the fetus is cut off and asphyxiation results. The umbilical cord may drop through the cervix after.

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