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NEWS RELEASE

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SMF ENERGY EXPANDS SUPPORT TO THE UNITED STATES POSTAL SERVICE IN LOUISIANA

CONTINUES TO ADD NEW BUSINESS ACROSS ALL MARKETS

Ft. Lauderdale, FL, September 1, 2009 – **SMF ENERGY CORPORATION (NASDAQ: FUEL)**, a leading provider of specialized transportation and distribution services for petroleum products and chemicals, today announced an expansion of the Company’s business relationship with the United States Postal Service (the “USPS”) into 10 new markets in South Louisiana, including Slidell, Covington and Houma. This addition extends the services of the Company to the USPS beyond the New Orleans, Baton Rouge and Shreveport core market areas and the 37 locations awarded last year. The Company also confirmed a number of other expansions and/or new business signings with large customers in the industrial equipment rental, office supply, document management, refining/petrochemical, and oil field product industries.

Richard E. Gathright, President and CEO, stated, “We are extremely pleased with the pace of expansion of existing customer relationships into new markets and of new customer signings. In particular, we continue to add USPS business in new markets as the USPS increasingly recognizes the value our services and the positive financial impact that they can have on the operating efficiencies and costs of their distribution network. We are further realizing significant expansions and new business opportunities with a number of large, national providers in the equipment rental, business and consumer office supply and mobile document management service industries.”

Gathright continued, “We are also making significant customer additions to our Chevron and private label lubricant product lines in the Company’s Texas market area, including recent new customer additions in the refining and petrochemical and in the oil field and power transmission equipment manufacturing sectors. We are also continuing to expand our Chevron Associate “Subjobber” Program with the addition of 3 new distributors to whom we will be selling the Chevron lubricant product lines in markets not previously served by the Company, thus increasing our market share and presence.”

Gathright concluded, “While our customers continue to be impacted by the current recession and difficult economic time, we are currently experiencing generally stable demand from our historical customers. Accordingly, we expect that any future improvement in the economy should result in a

positive impact on our financial performance beyond the value added by the existing customer expansions and new customer additions we have achieved even in the current environment.”

ABOUT SMF ENERGY CORPORATION (NASDAQ: FUEL)

The Company is a leading provider of petroleum product distribution services, transportation logistics and emergency response services to the trucking, manufacturing, construction, shipping, utility, energy, chemical, telecommunication and government services industries. The Company provides its services and products through 31 locations in the 11 states of Alabama, California, Florida, Georgia, Louisiana, Nevada, Mississippi, North Carolina, South Carolina, Tennessee and Texas. The broad range of services the Company offers its customers includes commercial mobile and bulk fueling; the packaging, distribution and sale of lubricants and chemicals; integrated out-sourced fuel management; transportation logistics and emergency response services. The Company’s fleet of custom specialized tank wagons, tractor-trailer transports, box trucks and customized flatbed vehicles delivers diesel fuel and gasoline to customers’ locations on a regularly scheduled or as needed basis, refueling vehicles and equipment, re-supplying fixed-site and temporary bulk storage tanks, and emergency power generation systems; and distributes a wide variety of specialized petroleum products, lubricants and chemicals to our customers. More information on the Company is available at www.mobilefueling.com.

FORWARD LOOKING STATEMENTS

This press release includes “forward-looking statements” within the meaning of the safe harbor provision of the Private Securities Litigation Reform Act of 1995. For example, predictions or statements of belief or expectation concerning the future performance of the Company, including the impact of current customer expansions and new customer additions, are all “forward looking statements” which should not be relied upon. Such forward-looking statements are based on the current beliefs of the Company and its management based on information known to them at this time. Because these statements depend on various assumptions as to future events, including but not limited to those assumptions noted in the “Management’s Discussion and Analysis of Financial Condition and Results of Operation” section in the Company’s Form 10-Q for the quarter ended March 31, 2009, they should not be relied on by shareholders or other persons in evaluating the Company. Although management believes that the assumptions reflected in such forward-looking statements are reasonable, actual results could differ materially from those projected. In addition, there are numerous risks and uncertainties that could cause actual results to differ from those anticipated by the Company, including but not limited to those cited in the “Risk Factors” section of the Company’s Form 10-K for the year ended June 30, 2008.