

PROSPECTUS SUPPLEMENT

ELECTRIC FUEL CORPORATION

1,537,968 SHARES

COMMON STOCK

This Prospectus Supplement relates to the offer by the securityholders named herein under the caption "Selling Shareholders" (collectively, the "Selling Shareholders") for sale to the public of shares of Common Stock (the "Shares") of Electric Fuel Corporation, a Delaware corporation (the "Company"). The Shares offered hereby were purchased under the Company's 1991 Qualified Stock Option Plan (the "Plan"). See "Selling Shareholders."

This Prospectus Supplement supplements the Company's Prospectus dated June 30, 1994 and supplements and updates the information on page 11 thereof.

The Company has been advised by the Selling Shareholders that they may sell all or a portion of the Shares offered hereby in negotiated transactions or in one or more transactions on the NASDAQ National Market System ("NASDAQ") at prices prevailing at the time of sale. In connection with sales of the Shares, the Selling Shareholders and any participating broker may be deemed to be "underwriters" of the Shares being offered hereby within the meaning of the Securities Act of 1933, as amended (the "Securities Act"). The Company will not receive any proceeds from the sale of the Shares being offered hereby.

AN INVESTMENT IN THE SHARES OFFERED HEREBY
INVOLVES A HIGH DEGREE OF RISK. SEE "RISK FACTORS."

THESE SECURITIES HAVE NOT BEEN APPROVED OR DISAPPROVED BY THE
SECURITIES AND EXCHANGE COMMISSION OR ANY STATE
SECURITIES COMMISSION NOR HAS THE COMMISSION
OR ANY STATE SECURITIES COMMISSION PASSED
UPON THE ACCURACY OR ADEQUACY OF THIS
PROSPECTUS. ANY REPRESENTATION TO THE
CONTRARY IS A CRIMINAL OFFENSE.

The date of this Prospectus Supplement is May 29, 1996.

<TABLE>
<CAPTION>

Name	Position with the Company	Shares Beneficially Owned as of March 31, 1996/(1)/	Shares Registered	Shares Beneficially Owned after All Shares Registered are Sold
<S>	<C>	<C>	<C>	<C>
Robert S. Ehrlich	Chairman of the Board, Director and Chief Financial Officer	988,979	384,120	604,859
Yehuda Harats	President, Chief Executive Officer and Director	1,386,207	719,303	666,904
Menachem Korall	Vice President of Technology	530,632	328,785	201,847
Lynn Alster	None	1,513	1,513	0
Daniel Ehrlich	None	8,000	8,000	0

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/(1)/ The persons named in the table have sole voting and investment power with respect to all shares of Common Stock shown in the table.

PLAN OF RESALE

The Shares offered hereby may, subject to certain restrictions contained in the Plan, be sold from time to time directly to purchasers by the Selling Shareholders or in one or more transactions on NASDAQ at the price prevailing at the time of sale. Alternatively, the Selling Shareholders may from time to time offer their Shares through underwriters, dealers or agents who may receive

compensation in the form of underwriting discounts, commissions or concessions from the Selling Shareholders and/or the purchasers of the Shares for whom they may act as agents. The Selling Shareholders and any underwriters, dealers or agents that participate in the distribution of the Shares offered hereby may be deemed to be underwriters, and any profit on the sale of the Shares offered hereby by them and any discounts, commissions or concessions received by any such underwriters, dealers and agents might be deemed to be underwriting discounts and commissions under the Securities Act.

The amount of securities to be resold or reoffered by each Selling Securityholder, or anyone acting in concert with such individual, pursuant to this Prospectus may not exceed, during any three month period, the greater of (i) 1% of the then outstanding Shares or (ii) the average weekly trading volume during the four calendar weeks prior to such date.

The Shares offered hereby may be sold from time to time in one or more transactions at a fixed offering price, which may be changed, or at varying prices determined at the time of sale or at negotiated prices.