



REFINERY BLENDING AUTOMATION

Emphasis on Low Sulfur Mogas/ Distillate Impacts

It does not take a million-dollar effort to achieve a multi-million dollar profit improvement. What it takes is an experienced team of engineers who can quickly focus in on what can be achieved and is practical to implement – the Carmagen Engineering Team.

RANGE OF SERVICES:	<ul style="list-style-type: none"> • Automation Feasibility Studies • Tank Farm Automation Consulting <ul style="list-style-type: none"> – Tankage optimization – Product blending – Oil movement and storage – Instrumentation selection • Training – all areas • Project support (consulting through turnkey) 			
TYPICAL PARAMETERS:		Tankage Optimization Study	Blending Study	On-line Blending Analyzer Consulting
	Duration (elapsed), weeks	8 – 20	4 – 12	1
	Typical cost, k\$	60 – 100	40 – 60	10
	Expected benefit, M\$	1 – 20	–	–
	Expected benefit, M\$/yr	–	2 – 8	1.0 – 2.0
CONSULTING TEAM MAKE-UP:	<ul style="list-style-type: none"> • Blending / Storage / Automation / Instrumentation Specialist • Others, if required (e.g., Offsites Specialist) 			

INTERESTED?

Carmagen's staff of over 180 skilled specialists in all Process, Non-Process (Equipment), and Project Management disciplines is available to support client's implementation plans.

Contact Jerry Lacatena at Carmagen Engineering, Inc. to discuss your needs.

4 West Main Street, Rockaway, NJ 07866
 Telephone: 973-627-4455 • Fax: 973-627-3133

Website: www.carmagen.com • E-mail: carmagen@carmagen.com

