

Filed Session of October 22, 2003
Approved as Recommended
and so Ordered
by the Commission

JACLYN A. BRILLING

Acting Secretary

Issued and Effective October 31, 2003

STATE OF NEW YORK
DEPARTMENT OF PUBLIC SERVICE

October 6, 2003

TO: THE COMMISSION

FROM: OFFICE OF CONSUMER EDUCATION AND ADVOCACY

SUBJECT: CASE 03-G-0796 - Petition of KeySpan Energy for the
Approval of the TGT Model PROV-CNG50, filed in C 6480.

RECOMMENDATION: Staff recommends that the Commission approve
the application of KeySpan Energy and thereby
permit the use of the TGT Model PROV-CNG50
Transfer Prover for calibration of meters used
for dispensing of compressed natural gas to
public vehicles provided that the TGT PROV-
CNG50 Transfer Prover is re-certified to a
NIST standard at an interval of no greater
than 2 years and that the case be closed.

Application

By letter dated May 22, 2003, KeySpan Energy applied
for approval of the TGT Model PROV-CNG50 Transfer Prover (TGT
Transfer Prover) manufactured by Tulsa Gas Technologies, in
accordance with 16 NYCRR Part 227. KeySpan Energy intends to
use the TGT Transfer Prover to calibrate meters used to dispense
compressed natural gas (CNG) to public vehicles. The
approximate cost of this device is \$7,800 depending on selected
options.

General Description

The TGT Transfer Prover is portable and battery powered, which will allow the utility to test and calibrate Micro Motion meters used to measure CNG for public vehicles. The TGT Transfer Prover is equipped with a Commission approved meter that has been customized to bear an accuracy that is traceable to the National Institute of Standards Technology (NIST). The TGT Transfer Prover is safe and accurate for field testing Micro Motion meters, where the TGT Transfer Prover is connected in series with a CNG dispenser and a vehicle designed to accept CNG. As gas is dispensed into the vehicle the dispenser and the prover register consumption. The total volume registered by the meter under test is compared to the TGT Transfer Prover display, and a calculation is used to determine accuracy.

The advantages of the TGT Transfer Prover is that it eliminates the need to handle and transport high pressure CNG tanks to various CNG sites, and it can be used in poor climatic conditions.

Tests

KeySpan Energy conducted extensive tests on the TGT Transfer Prover in accordance with the provisions of 16 NYCRR Part 227. Tests were made by KeySpan personnel who have experience in gas measurement, using test equipment with accuracy traceable to NIST. Staff also conducted tests at KeySpan's CNG site in July 2003. These tests demonstrated repeatable test accuracy and an error rate of less than +/- .10% for this TGT Transfer Prover.

Conclusion

Based on the results of tests conducted by KeySpan Energy and Staff, it is recommended that the Commission approve the application by KeySpan Energy.

Respectfully submitted,

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