

Filed Session of May 16, 2013
Approved as Recommended
and so Ordered
by the Commission

JEFFREY C. COHEN
Acting Secretary

Issued and Effective May 16, 2013

STATE OF NEW YORK
DEPARTMENT OF PUBLIC SERVICE

May 6, 2013

TO: THE COMMISSION

FROM: OFFICE OF CONSUMER POLICY

SUBJECT: CASE 12-G-0363 - Petition of Consolidated Edison
Company of New York, Inc. for approval of the Romet
RM56000 DCID Rotary Meter manufactured by Romet
Limited, Mississauga, Ontario, Canada.

RECOMMENDATION: It is recommended that the Commission approve
the petition of Consolidated Edison of Company
of New York, Inc. and permit the use of the
Romet RM56000 DCID rotary gas meter for customer
billing applications in New York State.

INTRODUCTION

By petition dated August 6, 2012, Consolidated Edison
Company of New York, Inc. (Con Edison or the Company) requested
Commission approval of the Romet RM56000 Digital Counter
Instrument Drive (DCID) rotary meter, manufactured by Romet
Limited, 1080 Matheson Blvd., Mississauga, Ontario, Canada
(Romet), for use in gas metering applications. In accordance
with 16 NYCRR §227, Con Edison submitted a letter stating its
intent to deploy the Romet RM56000 DCID rotary meter at various
commercial and industrial service points, if approved.

In accordance with the State Administrative Procedure
Act (SAPA) §202(1), notice of the petition was published in the

State Register on August 29, 2012. The comment period expired on October 15, 2012, and no comments were received.

BACKGROUND

According to Romet, the RM56000 DCID rotary meter is constructed from cast aluminum alloy and is a positive displacement meter that measures fixed incremental quantities of gas. This is achieved with the use of two impellers rotating in opposite directions that form a "figure eight" contour within the meter's volumetric chamber. As the impellers rotate, gas flows into two fixed-volume chambers between the impellers and the internal cavity of the meter housing, before being discharged downstream, and exiting the meter. The RM56000 DCID is equipped with an instrument drive platform that receives input from the meter body and senses impeller rotations. An electronic volumetric corrector may be attached to the instrument drive platform to measure and correct for gas pressure and temperature variations.

The Romet RM56000 DCID meter is similar in design to other rotary meters, such as the Romet RM38000 and RM23000, which have previously been approved by the Commission. These meters differ primarily in the flow rates each can accommodate. The RM56000 DCID can safely measure gas flow up to 67,200 cubic feet per hour for high volume customers. The approximate cost of the Romet RM56000 DCID is from \$6,900 to \$8,500, depending on the number of meters and options ordered.

According to Romet, the RM56000 has advantages over other meter applications, including increased low usage measurement accuracy, and reduced utility installation, maintenance, and operation costs. Con Edison intends to use the Romet RM56000 DCID for new gas customers who replaced inefficient or non-compliant fuel oil boilers with cleaner and

more efficient natural gas fired boilers.¹ The RM56000 may also be used by Con Edison in other meter installations where medium or high pressure delivery of natural gas is present.

METER TESTING

Romet conducted tests on the RM56000 DCID in accordance with the requirements of 16 NYCRR Part 227 and the American National Standards Institute (ANSI) Code B109.3. Romet certifies that the Romet RM56000 DCID meter complies with the applicable requirements of 16 NYCRR Part 227 and ANSI B109.3 for Rotary Gas Meters.

Romet also certifies that the tests were conducted by personnel with thorough practical and theoretical knowledge in rotary meter design and theory, and who are trained in making precision measurements. Romet also certifies that the accuracy of the test equipment used to determine meter accuracy has been established by comparison with national standards.

In March 2013, Staff witnessed performance testing of the RM56000 DCID at Con Edison's metrology laboratory to determine the meter's accuracy and performance at low and high gas flow rates. Under Staff's direction, Con Edison simulated low and high flow conditions to determine if the RM56000 DCID continues to perform within the required accuracy range. The test results found the RM56000 DCID maintained measurement accuracy within the limits required pursuant to 16 NYCRR Part 227 and the ANSI Code B109.3 national standards, across all tested gas flow rates.

¹ New York City Department of Environmental Protection requires that as of July 1, 2012, existing buildings that use No. 6 fuel oil must convert to a cleaner fuel before the current certificate of operation expires.

RECOMMENDATION

It is recommended that the Commission approve the petition of Consolidated Edison Company of New York, Inc. and allow the Romet RM56000 DCID rotary meter, manufactured by Romet Limited, to be used for gas revenue billing applications for commercial and industrial installations in New York State. Finally, this proceeding should be closed.

Respectfully submitted,

KENNETH RESCA
Utility Consumer Program Specialist
Office of Consumer Policy

Reviewed by:

MARTIN INSOGNA
Utility Consumer Program Specialist 5
Office of Consumer Policy

STEVEN J. KRAMER
Assistant Counsel
Office of General Counsel

Approved by:

LUANN SCHERER
Chief, Consumer Advocacy
Office of Consumer Policy