



The Association of Energy Engineers

certifies that

Alaa Mamdouh Ali ElRayes

has completed the prescribed standards for certification, has demonstrated a high level of competence and ethical fitness, and is hereby granted the title of

Certified Energy Manager

Valid: August 26, 2026 - December 31, 2029 | Certification ID: 103016



A handwritten signature in black ink, reading 'Fredrick Johnson', is positioned above a horizontal line.

Certification Board Chair

A handwritten signature in black ink, reading 'William Kent', is positioned above a horizontal line.

Executive Director

CEM[®]