



THE UNIVERSITY of TEXAS SYSTEM

CERTIFICATE
Issued December 3rd, 2013

This is to certify that

César Carneiro Penna

successfully completed

1.01x: Energy 101

a course of study offered by **UTAustinX**, an online learning
initiative of **The University of Texas System** through **edX**.

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HONOR CODE CERTIFICATE

*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/756a6ba67b7c4cb49378844782684efb>