

NGTC's services at a glance!

Expertise	Services offered
Renewable Energy	<ul style="list-style-type: none"> Techno-economic studies and state of the art (e.g. RNG, solar, geothermal) On-site and laboratory evaluation of technologies (measurement protocols, performance validation) Design assistance for hybrid energy systems Measurement and verification of energy savings (e.g. thermal solar systems)
Technology Evaluation	<ul style="list-style-type: none"> Techno-economic studies Comparative analyses of technologies and products On-site or laboratory performance characterization
Energy Efficiency	<ul style="list-style-type: none"> Support for the development of energy efficiency programs (DSM Programs) On-site and laboratory technology evaluation Theoretical analysis (complete energy balance) Measurement and verification of energy savings On-site and laboratory characterization
Distribution Network	<ul style="list-style-type: none"> Development of specialized tools and technology transfer Design of certification program tools Evaluation of piping, valves, and other network components Development of operation and maintenance methods
Technology Watch	<ul style="list-style-type: none"> Review of technologic news Production of newsletters and bulletins Literature review and state of the art studies
Combustion	<ul style="list-style-type: none"> Design of combustion systems Combustion analysis Technical assistance
Product Development	<ul style="list-style-type: none"> Product development support Analysis of standards Development of test protocols Pre-certification testing and technical support during certification
Simulation	<ul style="list-style-type: none"> Energy comparison of various HVAC systems and concepts Air and energy flow simulations