

Ontario homebuyers and builders to benefit from EnerQuality's new Net Zero Technology Adoption Program.

(Toronto, Jan XXX, 2020) For over two decades many Ontario homebuyers have benefited from EnerQuality's advancement of innovative energy efficiency programs. The new decade starts with the launch of a new program, **Net Zero Technology Adoption Program (NZZTAP)** designed to embed emerging energy saving technology into new homes faster.

In 2016 the Government of Canada committed to build a low-carbon economy. The Pan-Canadian Framework refers to a "net zero energy ready" model Building Code by 2030. Under this Framework, governments will work together to accelerate the phase out of coal, set performance standards for natural gas-fired electricity, and deploy smart-grid technologies that use renewable energy.

The shift to a low-carbon, clean growth economy means the reliance on fossil fuels are slowly phased out, and houses will need to be heated by electricity. Currently, electricity is three to four times more expensive than natural gas in Ontario. Moving houses towards electric heating will make housing much more unaffordable. In order to make electrically heated houses more affordable, the electricity consumption must be reduced very significantly.

Net zero technologies make heating systems more efficient and drastically reduce consumption while utilizing on-site electrical generation. The combination of reducing consumption, and the increase of on-site generation will make future electrically-heated houses more affordable and comfortable by lowering energy bills.

NZZTAP is all about overcoming barriers to net zero homes technology adoption. Accelerating the use of net zero oriented building products and technologies into mainstream housing, **and contributing the shift to a low-carbon future.**

EnerQuality's Vice-President of Market Development, Shannon Bertuzzi observed, "Ontario home buyers have long benefitted from the existence of both innovative builders and technology suppliers. However, the coordination between supply and demand has at times been imperfect. This imbalance is being fixed by EnerQuality's efforts to match and partner 23 select Ontario homebuilders with 18 net zero energy efficiency technology and technology manufacturers.

The builders are located in Ontario and technology and product suppliers come from across Canada.

Participating Builders:

- Acorn Developments (GTA)
- Ballantry Homes (GTA)
- Cardel Homes (Ottawa)
- Corvinelli Homes (Ottawa)
- Coughlan Homes (Durham)

- Country Homes (GTA)
- Empire Communities (GTA)
- FarSight Homes (Durham)
- Glen Rouge Homes (GTA)
- Great Gulf Homes (GTA, Durham)
- Jeffery Homes (Durham)
- Lakeview Homes (GTA)
- Mattamy Homes Ottawa (Ottawa)
- Minto Communities Ottawa (Ottawa)
- Remington Group (GTA)
- Sean Homes (Simcoe)
- Steve Snider Construction (Durham)
- Sorbara Group (GTA)
- Tamarack Homes (Ottawa)
- Tartan Homes (Ottawa)
- Times Group (GTA)
- Yorkwood Homes (GTA)

Participating technology manufacturers:

- [AeroBarrier Canada \(latex spray air barrier\)](#)
- [AeroSeal \(Duct sealing\)](#)
- [Airia Brands Inc./Lifebreath \(High efficiency HRV\)](#)
- [AMVIC Systems \(Exterior insulating wall sheathing\)](#)
- [A.O. Smith \(Hybrid Domestic Water Heater\)](#)
- [DNM Solar and Storage \(Photovoltaics and storage\)](#)
- [Dorken Systems Inc. \(Air barrier\)](#)
- [Eyedro Green Solutions \(Home energy monitoring\)](#)
- [HILTI \(Exterior insulating wall sheathing fastener\)](#)
- [iGen technologies \(Smart furnace\)](#)
- [JELD-WEN \(High performance windows\)](#)
- [Mitsubishi Electric \(Cold Climate Air Source Heat Pump\)](#)
- [MPower Solutions \(Tesla Powerwall\)](#)
- [Owens Corning Canada \(Insulation\)](#)
- [Panasonic \(Cold Climate Air Source Heat Pump\)](#)
- [Rheem Canada \(Hybrid domestic water heater\)](#)
- [ROCKWOOL \(Insulation\)](#)
- [Switch Energy \(Photovoltaics\)](#)

The early stages are what Bertuzzi, describes as, “speed dating to reach Net Zero.” This is her description of the programs’ early stage sessions that consist of workshops focused on builder needs and how technology manufacturers can help builder participants co-find solutions to those needs.

During 2020 there will be a series of workshops and seminars. By 2021, fully fledged pilot projects with builders using their chosen technology in real world homebuilding situations will have begun.

Bertuzzi concluded by stating, “NZTAP expects to rollout a minimum of 40 net zero demonstration homes by 2022. EnerQuality is test flying technology in order to

increase builder comfort and familiarity with net zero technologies and informing Ontario's future energy conservation programs.”

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About EnerQuality

EnerQuality Corporation (www.enerquality.ca) is the market leader in green building programs. Founded in 1998 as a partnership between the Ontario Home Builders' Association and the Canadian Energy Efficiency Alliance, EnerQuality's mission is to transform Ontario's housing into the most energy efficient and sustainable in the world.

About the Independent Electricity System Operator (IESO)

The IESO operates Ontario's power grid 24 hours a day, 365 days a year, ensuring Ontarians receive a reliable and cost-effective source of power when and where they need it. It works with sector partners and engages with communities across Ontario to plan and prepare for the province's electricity needs now and into the future. Visit www.ieso.ca for more information.

About buildABILITY Corporation

buildABILITY has mentored change in the homebuilding industry for more than 30 years. buildABILITY has worked with builders, governments, manufacturers, utilities, and associations, facilitating the adoption of new technologies and processes, assisting with the adaption to new building requirements, and helping our clients change to become top competitors and leaders. For more information on buildABILITY's projects visit www.buildability.ca.