

It's A Matter Of Reliability

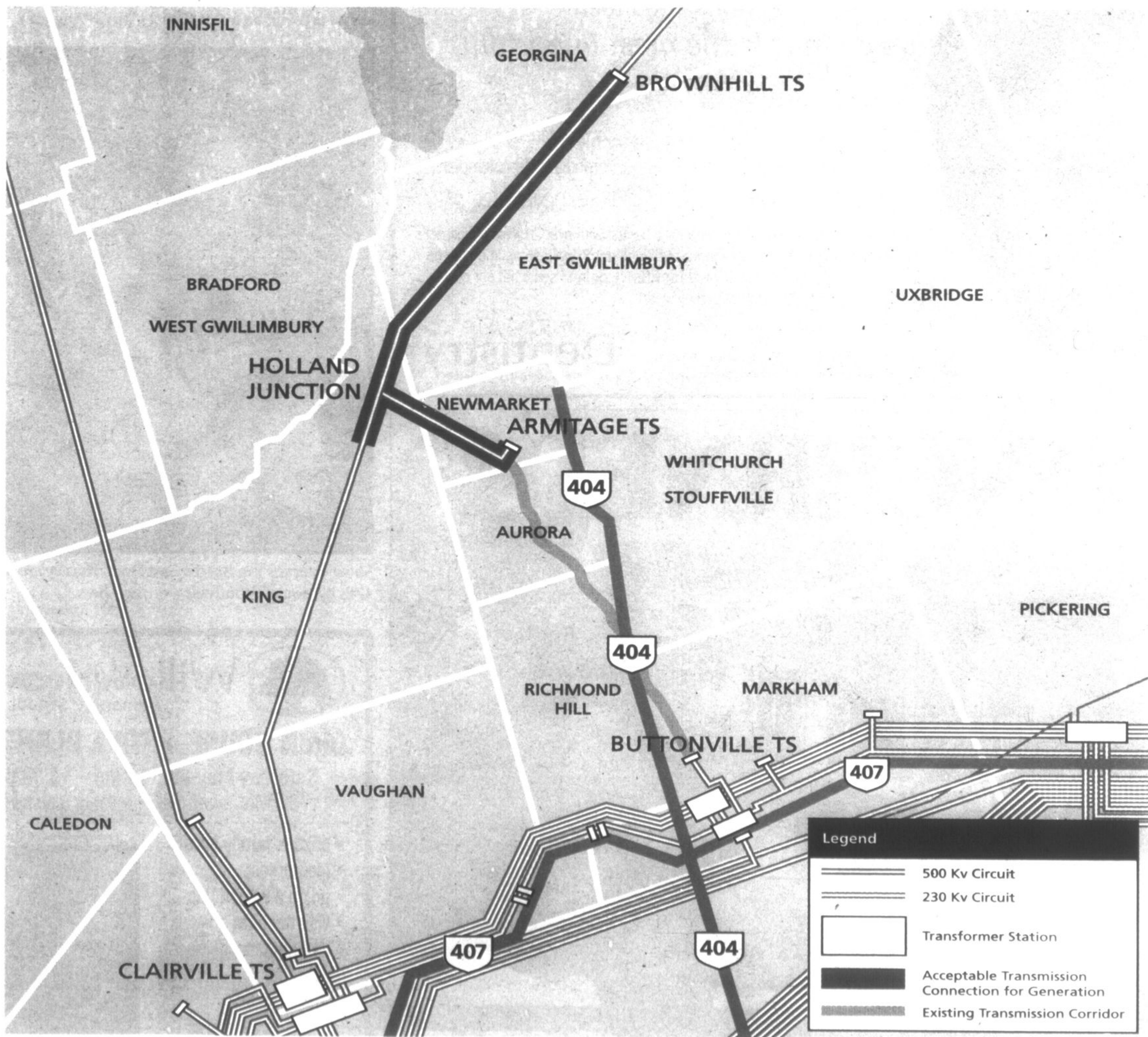
Ontario's power system has to respond immediately

Moment-to-moment, the electrical supply needs for Ontario, including Northern York Region, are managed by the Independent Electricity System Operator (IESO). Their rules of operation require that Ontario's electricity supply is robust enough to meet the province's needs – even if there is a major system outage. Ontario's power system has to have capacity at the ready – not just enough to meet demand needs today. The technical word is redundancy – but what that really means is reliability – a province-wide electricity system that can be relied upon to be there when it's needed and be ready to ramp up whenever it's required.

It's About Peace of Mind

There is only one transmission line serving Northern York Region. It's a 230 kV line that runs northeast through Vaughan, King, East Gwillimbury, and Georgina. Currently, there is no significant power generation from within the region itself so that almost all of the electricity needs for every home, business, and indeed every user, such as hospitals and schools - has to be served by this single transmission line. An outage on this line may cause disruption until it is repaired, meaning perhaps hours or even days until power is restored.

Through extensive public input in 2005, the community determined that adding another transmission line was not the preferred option. Therefore, it is critical that the community has on-demand, reliable power generation from within the region itself. It's a matter of public well being that street lighting, stop lights and signals, hospitals and schools, and homes are reliably powered. Only when alternative supply is readily available, can the community be secure in the knowledge that their electricity is always available.



A single 230 kV transmission line serves all of Northern York Region. Further west, a 500 kV line runs north south but cannot serve this area.

For Further Information go to:

http://www.powerauthority.on.ca/Page.asp?PageID=1224&SiteNodeID=383&BL_ExpandID www.powerauthority.on.ca