

Distributed Generation Statistics

As at 19 May 2011

Part 6 of the Electricity Industry Participation Code 2010 mandates the application and approval process between the prospective generator and the distributor (i.e. the network operator).

One of the specific obligations on distributors is annual reporting of statistics pertaining to connection of distributed generation. The graphs attached to this document are the aggregated result of that reporting from distributors.

More information concerning distributed generation can be found on the Authority's website at the following URL: <http://www.ea.govt.nz/industry/market/statistics-reports/distributed-generation-statistics>

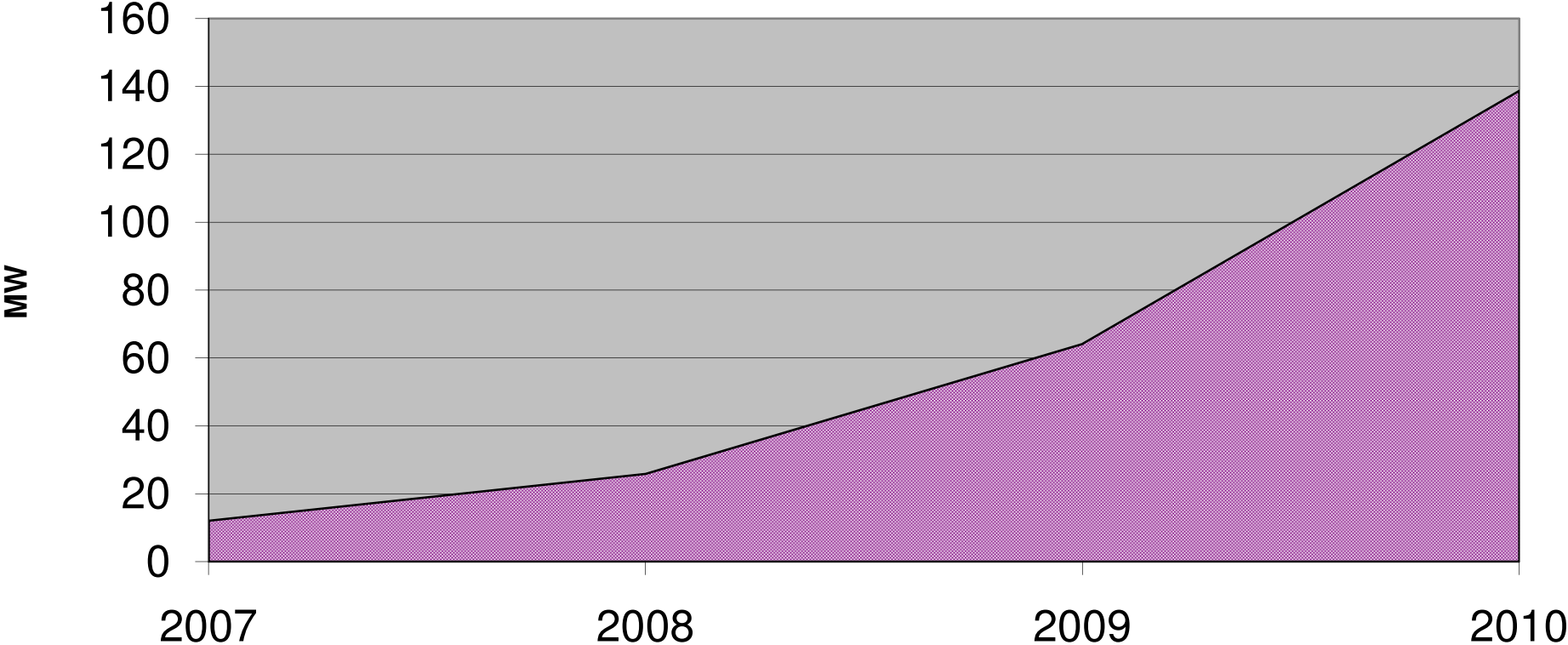
Any further questions on the subject may be directed to retailoperations@ea.govt.nz

Notes:

- The 2007 year is in fact only from 30 August 2007 till 31 December 2007.
- The 2009 year includes one 35MW connection (Tauhara). The relevant distributor is Unison.
- The 2010 year includes one 64MW connection (Te Uku). The relevant distributor is WEL Networks.
- A connection that is applied for in any given year and is connected after the relevant distributor has provided their reporting on that given year shows up in the 'Application Success Rates' chart only. Therefore, as a measure of nameplate capacity and connection growth of all distributed generation in New Zealand, the figures are understated. Since 2007, there have been 24 connections (9 in 2008, 8 in 2009, 7 in 2010) approved that were not connected at the time of reporting. The connection status and characteristics associated with those 24 connections is unknown.
- There have been minor corrections made to 2008 and 2009 data, based on revised data provided by a few distributors.

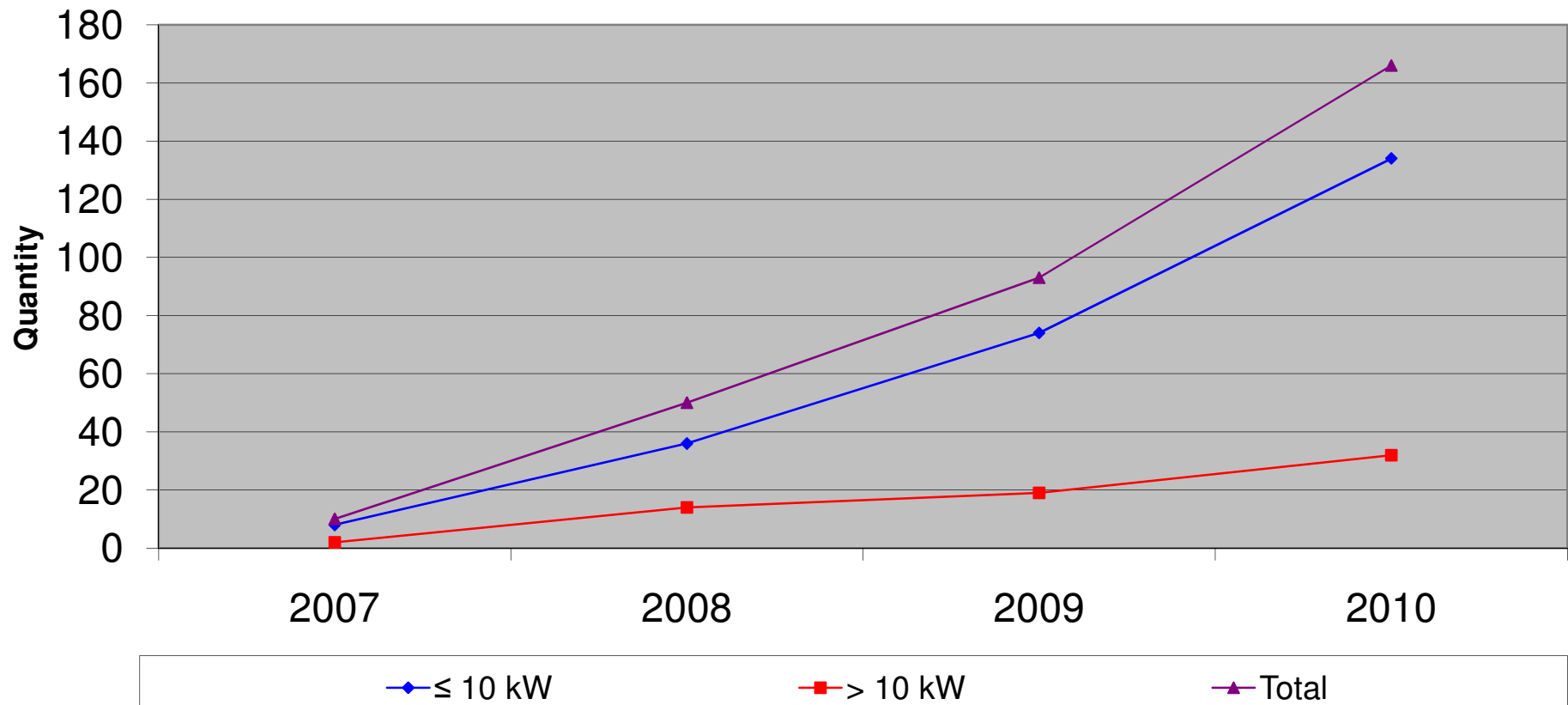
Net Cumulative Capacity

of distributed generation reported per clause 26 of Schedule 6.1 of the Electricity Industry Participation Code



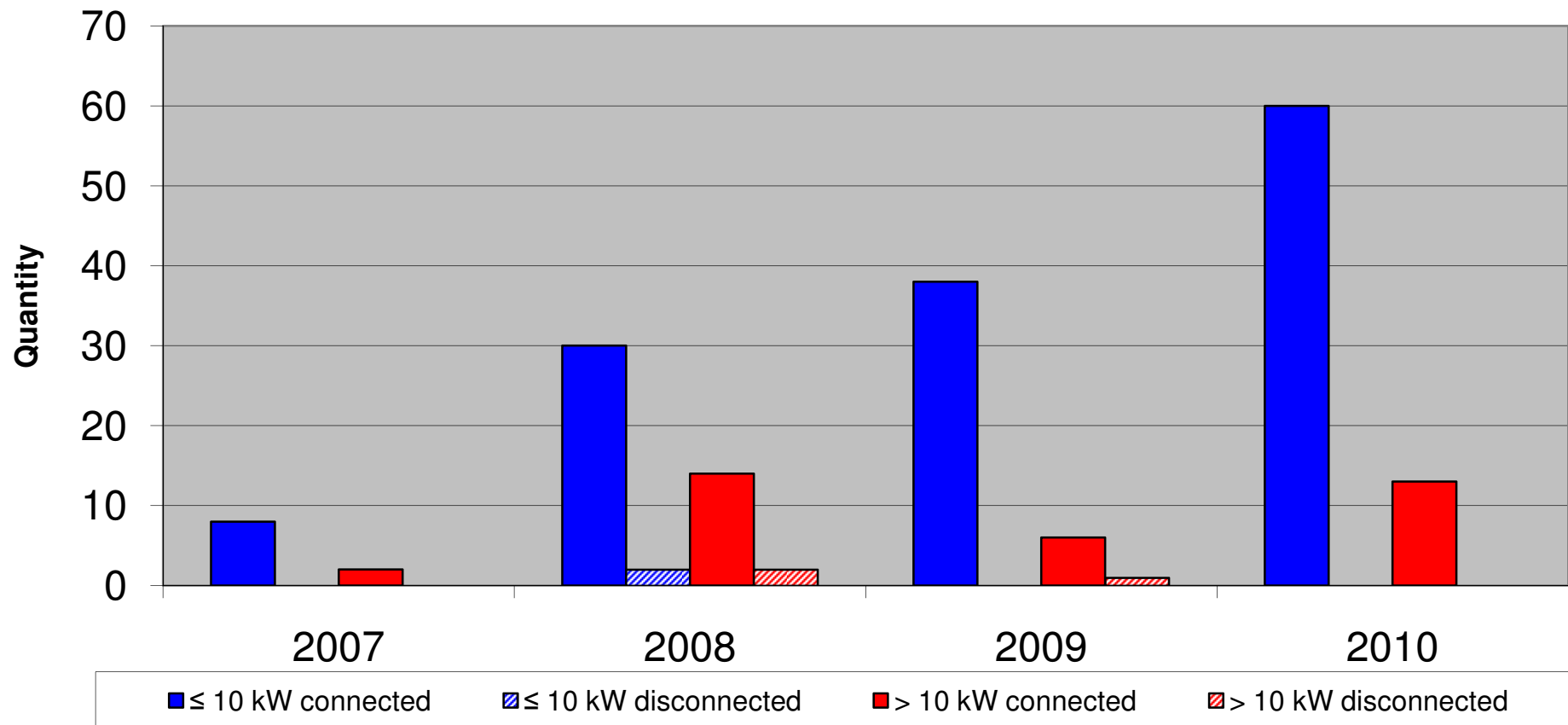
Net Cumulative Connections

of distributed generation reported per clause 26 of Schedule 6.1 of the Electricity Industry Participation Code



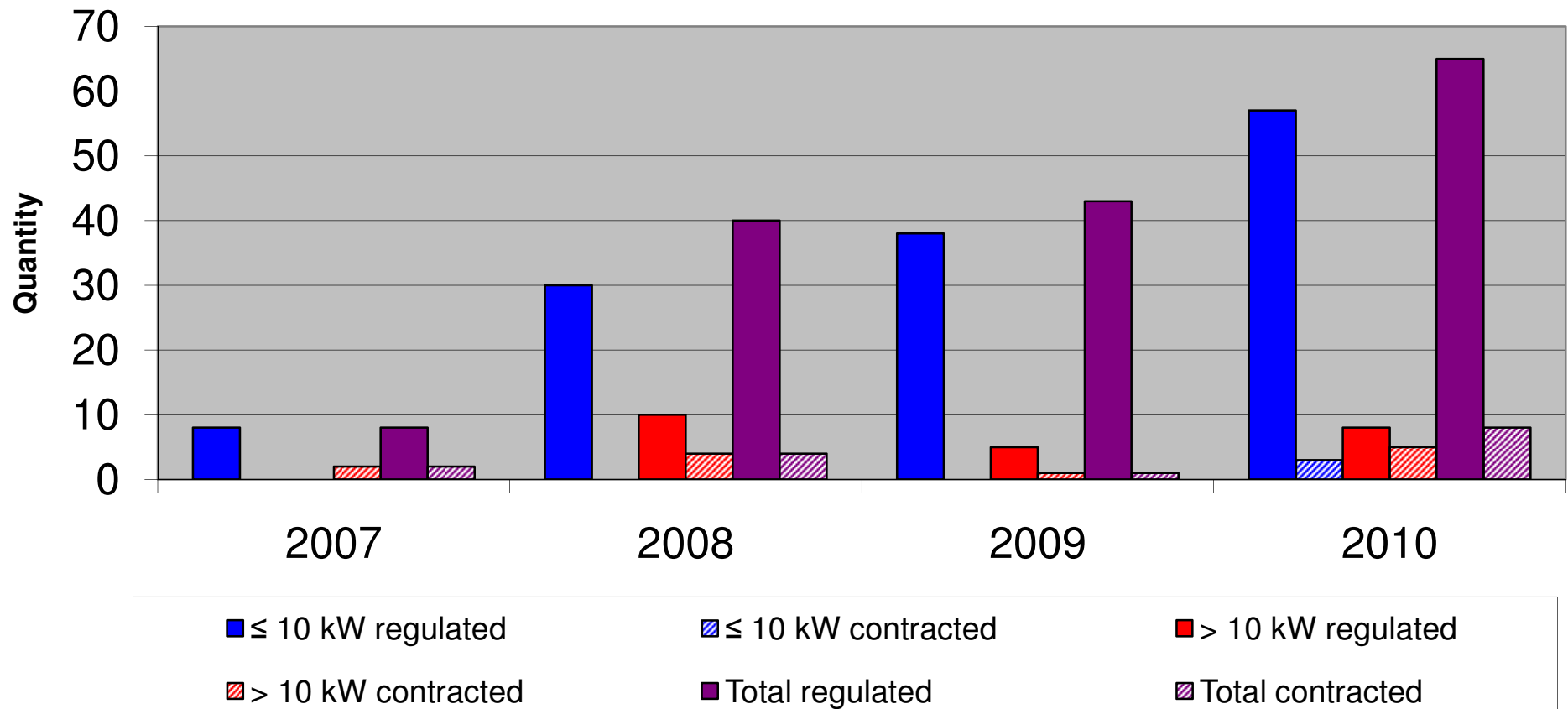
Connections & Disconnections per annum

of distributed generation reported per clause 26 of Schedule 6.1 of the Electricity Industry Participation Code



Regulated versus contracted connection terms

of distributed generation reported per clause 26 of Schedule 6.1 of the Electricity Industry Participation Code



Application Success Rates

of distributed generation reported per clause 26 of Schedule 6.1 of the Electricity Industry Participation Code

