

# 3

91399M



913995



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

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## Ohaoha, Kaupae 3, 2014

### 91399M Te whakaatu māramatanga ki te mahinga tōtika o te tauritenga māketē

9.30 i te ata Rātū 25 Whiringa-ā-rangi 2014  
Whiwhinga: Whā

Paetae	Kaiaka	Kairangi
Te whakaatu māramatanga ki te mahinga tōtika o te tauritenga māketē.	Te whakaatu māramatanga hōhonu ki te mahinga tōtika o te tauritenga māketē.	Te whakaatu māramatanga matawhānui ki te mahinga tōtika o te tauritenga māketē.

Tirohia mehemea e ōrite ana te Tau Ākongā ā-Motu (NSN) kei tō pepa whakauru ki te tau kei runga ake nei.

**Me whakautu e koe ngā pātai KATOĀ kei roto i te pukapuka nei.**

Ki te hiahia koe ki ētahi atu wāhi hei tuhituhi whakautu, whakamahia ngā whārangi kei muri i te pukapuka nei.

Tirohia mehemea kei roto nei ngā whārangi 2–19 e raupapa tika ana, ā, kāore hoki he whārangi wātea.

**HOATU TE PUKAPUKA NEI KI TE KAIWHAKAHAERE HEI TE MUTUNGA O TE WHAKAMĀTAUTAU.**

**TAPEKE**



MĀ TE KAIMĀKA ANAKE























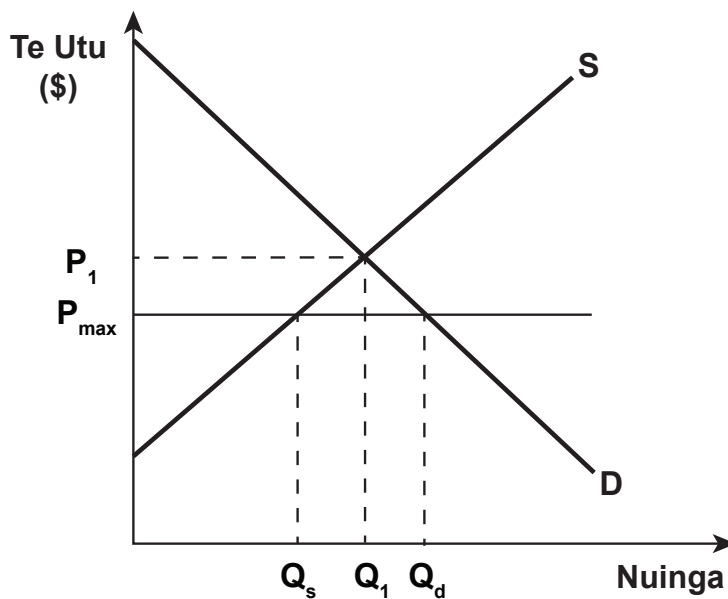
## PĀTAI TUATORU: Te wawaotanga o te Kāwanatanga me te tōtikatanga o tētahi mākete

Kua piki haere te utu o te hiko i Aotearoa i ngā tau tata nei nā te kaha rawa atu o te hiahiatanga i te putanga, ka mutu me te nui o te utu o te hanga teihana hiko hou.

Mātāpuna (he mea urutau) <https://www.powerswitch.org.nz/powerswitch/site-info/powerswitch-faqs/electricity-prices>

He kaupapa here mō te tikanga whakahaere utu mōrahi ka taea e te Kāwanatanga o Aotearoa te whakamahi hei whakaiti i ngā utu hiko.

### Kauwhata Tuawhā: Te mākete hiko o Aotearoa me te utu mōrahi



- (a) (i) E whakaaturia ana te utu mōrahi ki te Kauwhata Tuawhā. Whakaaturia te pānga o te tikanga whakahaere utu mōrahi ki te tohatoha tōtika mā te āta whakakauruku me te tapa i te:
- tuwhene kaiwhakapeto hou
  - tuwhene kaiwhakaputa hou
  - ngaronga kawenga.
- (ii) Whakamāramahia taipitopitotia te huringa o te tuwhene kaiwhakapeto, te tuwhene kaiwhakaputa, me te tohatoha tōtika.

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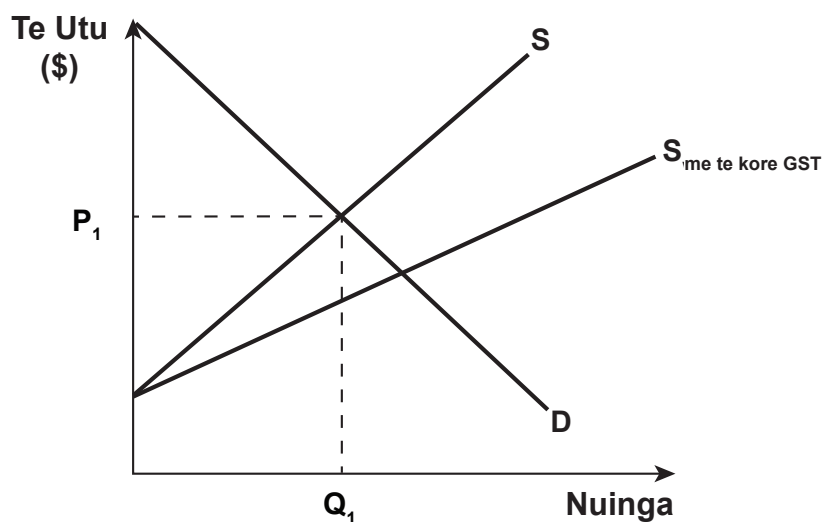


Ko tētahi atu kaupapa here ka tāea te whakamahi hei whakaiti i ngā utu hiko ko te tango i te tāke hokohoko (GST).

(b) Whakatauritea te pānga ki te tohatoha tōtika o ngā kaupapa here e rua – he tikanga whakahaere utu mōrahi me te tango i te GST. Ki tō whakautu:

- ki te Kauwhata Tuarima, āta tapaina te utu tauritenga hou ( $P_2$ ) me te nuinga tauritenga hou ( $Q_2$ ), ka whakakauruku i te tuwhene kaiwhakaputa hou me te tuwhene kaiwhakapeto hou
- whakamāramahia taipitopitotia te huringa ki te tuwhene kaiwhakaputa, te tuwhene kaiwhakapeto, me te tohatoha tōtika
- whakamāramahia taipitopitotia te take ka nui ake te tōtika o te tohatoha nā te tango i te GST tēnā i te whakauru i te tikanga whakahaere utu mōrahi
- kōrerohia te Kauwhata Tuawhā me te Kauwhata Tuarima.

#### Kauwhata Tuarima: Te māketē hiko o Aotearoa me te kore GST

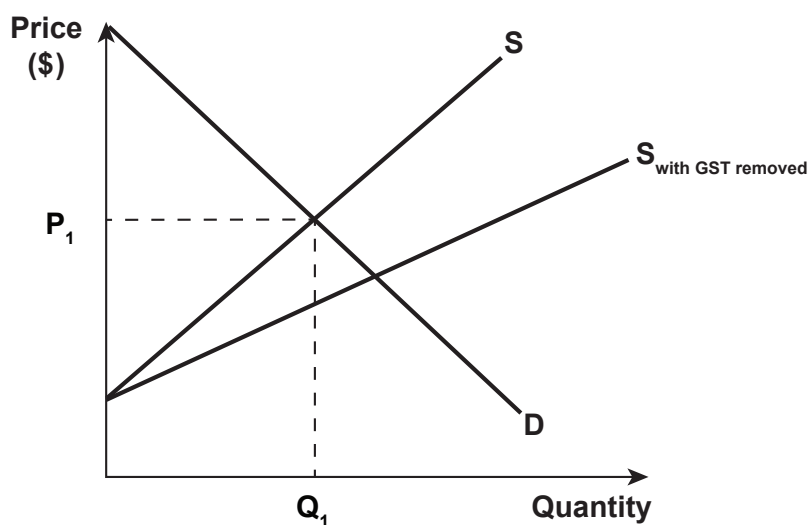


E wātea ana he wāhi anō mō tēnei whakautu ki te whārangi 16.

Another policy that could be used to reduce power prices is removing GST.

- (b) Compare and contrast the impact on allocative efficiency of the two policies – a maximum price control and the removal of GST. In your answer:
- on Graph Five, clearly label the new equilibrium price ( $P_2$ ) and quantity ( $Q_2$ ), and shade the new producer surplus and consumer surplus
  - explain in detail the change in producer surplus, consumer surplus, and allocative efficiency
  - explain in detail why removing GST would be more allocatively efficient than introducing a maximum price control
  - refer to Graph Four and Graph Five.

**Graph Five: The New Zealand electricity market with GST removed**



More answer space for this question is available on page 17.











*English translation of the wording on the front cover*

## Level 3 Economics, 2014

### 91399M Demonstrate understanding of the efficiency of market equilibrium

9.30 am Tuesday 25 November 2014  
Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of the efficiency of market equilibrium.	Demonstrate in-depth understanding of the efficiency of market equilibrium.	Demonstrate comprehensive understanding of the efficiency of market equilibrium.

91399M

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

**You should attempt ALL parts of ALL questions in this booklet.**

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–19 in the correct order and that none of these pages is blank.

**YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.**