

## **Cost index: changes to data sources**

- 1.1 We have updated the cost index, and in the process made some changes to the input data to make it easier to integrate with our existing data sources. This note outlines the changes we have made to the cost index in the process of updating it. There has been no change to the method which is the same as set out here:

[https://www.emi.ea.govt.nz/Retail/Datasets/AdditionalInformation/SupportingInformationAndAnalysis/2014/20140720\\_NZIER\\_SyntheticRetailPrice](https://www.emi.ea.govt.nz/Retail/Datasets/AdditionalInformation/SupportingInformationAndAnalysis/2014/20140720_NZIER_SyntheticRetailPrice)

## **Location Factors**

- 1.2 We have recalculated location factors using final prices for all years between 2002 to 2020. We have used OTA2201 for the North Island and BEN2201 for South Island.

## **Forward Prices**

- 1.3 No change to the method or data.

## **Transmission**

- 1.4 Regional coincident peak demand is calculated using reconciliation data.
- 1.5 Regional RCPD, connection revenue and interconnection rate are available here:  
[https://www.emi.ea.govt.nz/Retail/Datasets/AdditionalInformation/SupportingInformationAndAnalysis/2014/20140720\\_NZIER\\_SyntheticRetailPrice](https://www.emi.ea.govt.nz/Retail/Datasets/AdditionalInformation/SupportingInformationAndAnalysis/2014/20140720_NZIER_SyntheticRetailPrice)
- 1.6 Where there were discrepancies we used the latest data.

## **EDB**

- 1.7 Data from 2008 to 2012  
Electricity-distributors-information-disclosure-data-20082012.xls  
Use *Gross line charge income (\$000) - Electricity Supplied to Customers' Connection Points (GWh)*  
Downloaded from <https://comcom.govt.nz/assets/nested-content-assets/search/seed-pages/excel-documents/nocache>
- 1.8 Data from 2013 to 2020  
Use *Line charge revenue/(Electricity entering system for supply to consumers' connection points - Electricity losses)*  
<https://public.tableau.com/profile/commerce.commission#!/vizhome/Performanceaccessibilitytool-NewZealandelectricitydistributors-Dataandmetrics/Homepage>

## **Metering costs and overheads**

- 1.9 Metering cost: No change.
- 1.10 Return on labour and assets: Previously 1.38, now 1.77.

## **CPI and PPI**

<http://infoshare.stats.govt.nz/>

## Volumes (Demand) at GXP levels

### 1.11 No change to the method but we used a larger set of nodes which is set out below—239 nodes used compared to 151 nodes previously.

'BEN2201', 'OTA2201', 'ALB0331', 'ALB1101', 'ARA2201', 'ARI1101', 'ATI2201', 'BOB0331', 'BOB1101', 'BPE0331', 'BPE0551', 'BPE2201', 'BRB0331', 'BRK0331', 'CBG0111', 'CPK0111', 'CPK0331', 'CST0331', 'DAR0111', 'DVK0111', 'EDG0331', 'FHL0331', 'GFD0331', 'GIS0501', 'GLN0331', 'GLN0332', 'GYT0331', 'HAM0111', 'HAM0331', 'HAM0551', 'HAM2201', 'HAY0111', 'HAY0331', 'HAY1101', 'HAY2201', 'HEN0331', 'HEN2201', 'HEP0331', 'HIN0331', 'HLY2201', 'HTI0331', 'HUI0331', 'HWA0331', 'HWA1101', 'HWA1102', 'KAW0111', 'KAW0112', 'KAW0113', 'KAW2201', 'KEN0331', 'KIN0111', 'KIN0112', 'KIN0331', 'KMO0331', 'KOE0331', 'KPA1101', 'KPO1101', 'KPU0661', 'KTA0331', 'KWA0111', 'LFD1101', 'LFD1102', 'LTN0331', 'MAT1101', 'MDN0141', 'MDN1101', 'MDN2201', 'MER0331', 'MGM0331', 'MHO0331', 'MLG0111', 'MLG0331', 'MNG0331', 'MNG1101', 'MNI0111', 'MPE0331', 'MRA0111', 'MST0331', 'MTI2201', 'MTM0111', 'MTM0331', 'MTN0331', 'MTO0331', 'MTR0331', 'NAP2201', 'NPK0331', 'NPL0331', 'NPL1101', 'NPL2201', 'OHK2201', 'OKI0111', 'OKI2201', 'OKN0111', 'ONG0331', 'OPK0331', 'OTA0221', 'OTA1101', 'OTA1102', 'OTA2201', 'OTA2202', 'OWH0111', 'PAK0331', 'PEN0221', 'PEN0331', 'PEN1101', 'PNI0331', 'PPI2201', 'PRM0331', 'RDF0331', 'RDF2201', 'ROS0221', 'ROS1101', 'ROT0111', 'ROT0331', 'ROT1101', 'RPO2201', 'SFD0331', 'SFD2201', 'SVL0331', 'SWN2201', 'TAK0331', 'TGA0111', 'TGA0331', 'TKH0111', 'TKR0331', 'TKU0331', 'TKU2201', 'TMI0331', 'TMN0551', 'TMU0111', 'TMU1101', 'TNG0111', 'TNG0551', 'TRK0111', 'TRK2201', 'TUI0111', 'TUI1101', 'TWC2201', 'TWH0331', 'UHT0331', 'WAI0111', 'WDV0111', 'WDV1101', 'WEL0331', 'WES0331', 'WGN0331', 'WHI0111', 'WHI2201', 'WHU0331', 'WIL0331', 'WIR0331', 'WKM2201', 'WKO0331', 'WPA2201', 'WPW0331', 'WRA0111', 'WRK0331', 'WRK2201', 'WTU0331', 'WVY0111', 'WWD1102', 'WWD1103', 'ABY0111', 'ADD0111', 'ADD0661', 'APS0111', 'ARG1101', 'ASB0331', 'ASB0661', 'ASY0111', 'ATU1101', 'AVI2201', 'BAL0331', 'BDE0111', 'BEN0162', 'BEN0163', 'BEN2201', 'BEN2202', 'BLN0331', 'BPD1101', 'BPT1101', 'BRY0111', 'BRY0661', 'BWK1101', 'CLH0111', 'CML0331', 'COB0661', 'COL0111', 'COL0661', 'CUL0331', 'CYD0331', 'CYD2201', 'DOB0331', 'DOB0661', 'EDN0331', 'FKN0331', 'GOR0331', 'GYM0661', 'HKK0661', 'HOR0331', 'HOR0661', 'HWB0331', 'HWB0332', 'HWB2201', 'INV0331', 'INV2201', 'INV2202', 'ISL0331', 'ISL0661', 'ISL2201', 'KAI0111', 'KIK0111', 'KKA0331', 'KUM0661', 'MAN2201', 'MCH0111', 'MLN0661', 'MLN0664', 'MOT0111', 'MPI0661', 'NMA0331', 'NSY0331', 'OAM0331', 'OHA2201', 'OHB2201', 'OHC2201', 'ORO1101', 'ORO1102', 'OTI0111', 'PAL0331', 'PAP0111', 'PAP0661', 'RFN1101', 'RFN1102', 'ROX1101', 'ROX2201', 'SBK0331', 'SDN0331', 'SPN0331', 'SPN0661', 'STK0331', 'STK2201', 'STU0111', 'TIM0111', 'TKA0111', 'TKA0331', 'TKB2201', 'TMK0331', 'TWI2201', 'TWZ0331', 'WPR0331', 'WPR0661', 'WPT0111', 'WTK0111', 'WTK0331', 'WTK2201', 'ROB1101', 'WMG0331', 'CBE0331', 'GIS0111', 'TOB0501', 'TUI1101', 'WAI0501', 'ANA0111', 'HTI1101', 'MRR0111', 'MTI0111', 'CUL0331', 'CUL0661', 'SBK0661', 'MPE1101', 'KBY0661', 'KBY0662', 'HWB1101', 'CST0111', 'HWA1101', 'KIN0112', 'PAO1101', 'MPI0331', 'STK0661', 'KOE1101', 'WTN0111', 'WTN0661', 'HEP0331', 'HIN0331', 'KIN0331', 'KPU0661', 'MTM0111', 'MTM0331', 'OKI0111', 'OWH0111', 'ROT0111', 'ROT0331', 'TGA0111', 'TGA0331', 'TMI0331', 'WHU0331', 'WKO0331', 'WRK0331', 'HOB1101', 'ROS1101', 'WRD0331', 'WES0331', 'WTK0111', 'AHA0111', 'RFT0111'