

The WinZip file *Economic Insights AER DNSP BM 12Nov2018.zip* contains the following files:

### Excel spreadsheet files

*DNSP consolidated benchmarking data - November 2018 (price update).xlsx* – database file assembles variables used in the productivity and MTFP analyses at the DNSP level, State level and industry level from the AER’s Economic Benchmarking Regulatory Information Notice returns and intermediate files as follows:

- *DNSP reliability (DB version).xlsx* – forms the reliability output variables
- *DNSP AUC (DB version).xlsx* – assembles annual user costs for the five capital inputs

*DNSPData AusNZOnt 1Nov2018x BM.xlsx* – database file for Australian, New Zealand and Ontario DNSPs used in opex cost function models

Results are presented in the following files:

- *Economic Insights AER DNSP MTFP & MPFP 6Nov2018.xlsx* – presents DNSP MTFP and MPFP results
- *Economic Insights AER Industry Prod Results 6Nov2018.xlsx* – presents industry productivity results and contribution analysis
- *Economic Insights AER DNSP State MTFP Results 6Nov2018.xlsx* – presents state level MTFP results
- *Economic Insights AER DNSP State Opex MPFP Results 6Nov2018.xlsx* – presents state level opex MPFP results
- *Economic Insights AER DNSP Opex Efficiency Scores 2006-17 6Nov2018.xlsx* – presents average opex efficiency results from the econometric and index number analyses using data for 2006 to 2017
- *Economic Insights AER DNSP Opex Efficiency Scores 2012-17 6Nov2018.xlsx* – presents average opex efficiency results from the econometric and index number analyses using data for 2012 to 2017
- *Economic Insights AER DNSP XXX Prod Results Date2018.xlsx* – presents State productivity results and contribution analysis for State XXX
- *Economic Insights AER DNSP YYY Prod Results Date2018.xlsx* – presents individual DNSP productivity results and contribution analysis for DNSP YYY
- *Economic Insights AER DNSP MTFP & MPFP Orig Wts 6Nov2018.xlsx* – presents DNSP MTFP and MPFP results using original output cost share weights

- *Economic Insights AER DNSP Opex Efficiency Scores 2006-17 Orig Wts 6Nov2018.xlsx* – presents average opex efficiency results from the econometric and index number analyses using data for 2006 to 2017 where the index number analyses use original output cost share weights
- *Economic Insights AER DNSP Opex Efficiency Scores 2012-17 Orig Wts 6Nov2018.xlsx* – presents average opex efficiency results from the econometric and index number analyses using data for 2012 to 2017 where the index number analyses use original output cost share weights

### **Shazam Econometrics Program Files**

The Shazam data files are as follows:

*DNSPData.txt* – DNSP level data for MTFP analysis

*DINDData.txt* – industry level data

*DXXXData.txt* – State XXX's data for productivity analysis

*DYYYData.txt* – DNSP YYY's data for productivity analysis

The Shazam input files are as follows:

*MTFPDNSPIN.txt* – DNSP MTFP input file

*MTFPDNSP6YRIN.txt* – DNSP MTFP input file using data for 2012 to 2017

*TFPINDIN.txt* – industry level productivity analysis input file

*TFPXXXIN.txt* – State XXX's productivity analysis input file

*TFPYYYIN.txt* – DNSP YYY's productivity analysis input file

*LCSTFNNLDIN.txt* – Leontief cost functions input file used to derive output cost shares

*TLGCSTFNIN.txt* – Translog cost function input file used to derive output cost shares

*MTFPDNSPINORIG.txt* – DNSP MTFP input file using original output cost share weights

*MTFPDNSP6YRINORIG.txt* – DNSP MTFP input file using data for 2012 to 2017 using original output cost share weights

The Shazam output files are as follows:

*MTFPDNSPOT.txt* – DNSP MTFP output file

*MTFPDNSP6YROT.txt* – DNSP MTFP output file using data for 2012 to 2017

*TFPINDOT.txt* – industry level productivity analysis output file

*TFPXXXOT.txt* – State XXX’s productivity analysis output file

*TFPYYYOT.txt* – DNSP YYY’s productivity analysis output file

*LCSTFNNLDOT.txt* – Leontief cost functions output file used to derive output cost shares

*TLGCSTFNOT.txt* – Translog cost function output file used to derive output cost shares

*MTFPDNSPOTORIG.txt* – DNSP MTFP output file using original output cost share weights

*MTFPDNSP6YROTORIG.txt* – DNSP MTFP output file using data for 2012 to 2017 using original output cost share weights

### **Stata Econometrics Program Files**

*vc med BM 01-11-18.do* – opex cost function models input file

*vc-out-med-BM-01-11-18.smcl* – opex cost function models output file

*vc med BM 2012-17 01-11-18.do* – opex cost function models input file for 2012 to 2017

*vc-out-med-BM-2012-17 01-11-18.smcl* – opex cost function models output file 2012 to 2017