2016 and 2017 RATE APPLICATION
SIECA FOLLOW-UP QUESTIONS

SIECA Q2 SUPPLEMENTARY 2:

Please provide an Excel spreadsheet showing the hourly power consumption of each customer class identified in Schedule 4.0 of the COSS for the annual period used to calculate the amounts and percentages shown in Schedule 4.0.

Please explain how the hourly power consumption of each customer class identified in Schedule 4.0 of the COSS was developed for the purpose of calculating the amounts and percentages shown in Schedule 4.0.

Response:

SaskPower cannot provide an Excel spreadsheet showing the hourly power consumption of each customer class identified in Schedule 4.0 of the COSS as the information in that format does not exist.

SaskPower does not develop hourly consumption load shapes to develop the amounts and percentages shown in Schedule 4.0. SaskPower uses the average of five years of load data results from its MV-90 and sample EIS interval meters to determine coincident and non-coincident peak load factors. These results are then applied to each customer class' forecasted energy to determine their maximum and coincident peak loads.

SaskPower previously had to use load profiles from a neighbouring utility to derive load factors for its mass market customers. With the installation of a representative sample of interval meters in 2006, SaskPower is now able to utilize the results from those meters to more accurately allocate costs within cost of service.

This methodology was examined during the 2012/2013 Cost of Service review, which involved both a Technical Consultant (Elenchus) and the Saskatchewan Rate Review Panel, and was confirmed as appropriate for use starting in 2014.