

1 **Q. In reference to the evidence of Lorne Henderson, page 10, lines 2 to 4, provide a**  
 2 **detailed cost breakdown for the \$425,000 cost estimate.**

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 4 **A.** Table 1 below provides a detailed cost breakdown for the \$425,000 load research  
 5 program cost estimate referenced on page 10, lines 2 to 4, of Lorne Henderson's Cost of  
 6 Service Recovery: Evidence.  
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<b>Table 1</b> <b>Load Research Project Cost Estimate</b>					
<b>1. Metering Cost</b>					
<b>Rate Class</b>		<b>Quantity</b>	<b>Meter / Recorder Unit Cost</b>	<b>Installation Labour Unit Cost</b>	<b>Total</b>
Domestic	Self Contained	150	\$510	\$20	\$79,500
Rate 2.1 0-10 kW	Single Phase:				
	• Self Contained	65	\$510	\$30	35,100
	• Transformer Rated	25	\$510	\$100	15,250
Rate 2.2 10-100 kW	Single Phase:				
	• Self Contained	40	\$510	\$30	21,600
	• Transformer Rated	15	\$660	\$100	11,400
	Three Phase:				
	• Self Contained	20	\$610	\$30	12,800
	• Transformer Rated	15	\$760	\$100	12,900
Rate 2.3 110-1000 kVA	Three Phase:				
	• Transformer Rated	90	\$760	\$100	77,400
<b>TOTAL</b>		<b>420</b>			<b>265,950</b>
<b>2. Itron Software Upgrade for handheld metering</b> (includes Probes, Licenses, Software)					<b>150,000</b>
<b>3. Upgrade Database Engine for MV-90 Load Research Software</b>					<b>9,000</b>
<b>Total Cost</b>					<b>\$424,950</b>