

1 **Undertaking Request (U-33)**

2 **Wednesday, April 25, 2018**

3 **Transcript Reference: Pg. 209, line 15 to Pg. 211, line 7.**

4 Undertake to provide what percentage of electricity in NL is produced by hydro, Holyrood  
 5 and wind

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9 **Undertaking Response**

10 Table 1 provides the energy mix forecast for the 2018 TY, based on the Production Plan  
 11 filed in Schedule 3-IV of Hydro’s GRA evidence.

**Table 1: Energy Mix for 2018 Test Year**

	<b>GWh</b>	<b>% of Total Generation</b>
Hydro	4,600.5	63.7
Thermal	1,554.4	21.5
Standby and Diesel	41.1	0.6
Purchases	1,026.5	14.2
<b>Total</b>	<b>7,222.5</b>	<b>100</b>

12 Table 2 provides a breakdown of the energy mix included in the Purchases line of Table 1.

**Table 2: Energy Mix for Purchases included in 2018 Test Year**

	<b>GWh</b>	<b>% of Total Generation</b>
Hydro	770.8	75.1
Wind	189.2	18.4
Thermal	66.5	6.5
<b>Total</b>	<b>1026.5</b>	<b>100</b>