Q.	Please provide information on the interest rates used when determining the value of
	stock options?

A. Hay Group Limited uses a proprietary model based on binomial distribution in its determination of stock option values. Stock option values are not calculated based on a discounted cash flow methodology. The stock option value is instead determined based on an assessment of economic and current grant value.

 The determination of stock option value is based on a number of variables. The variables include both standard (i.e. variables common to all companies in the database) and company specific variables. Standard variables include the risk-free rate and the forfeiture rate. Company specific variables include term of options, volatility of stock price, dividend yield and vesting schedule.

A brief description of the variables is provided below.

Standard Variables

Risk-free Rate – The risk-free rate is used as a variable in the binomial model to estimate the economic value of the option. It is set at the beginning of each calendar year and is based on a 1.5 year rolling average of 10-year Government of Canada Bonds. Most of the stock option plans in the database have 10-year terms. The risk-free rate used is 3.75%.

Forfeiture Rate - The forfeiture rate is used to recognize the probability of non-vesting of options. The forfeiture rate currently used is 5.0%.

Company Specific Variables

Term of Options – The term of option for Newfoundland Power's stock option plan is 7 years.

Volatility of Stock Price – The volatility factor for Newfoundland Power's stock option plan is 26.06% and is based on average daily returns of Fortis stock for the last 3 years.

Dividend Yield – The dividend yield factor for Newfoundland Power's stock option plan is 3.05% and is based on the annual average of dividend yields of Fortis stock for the last 3 years.

Vesting Schedule – The option valuation includes the Newfoundland Power vesting schedule which is 25% in each of the first 4 years of the plan.