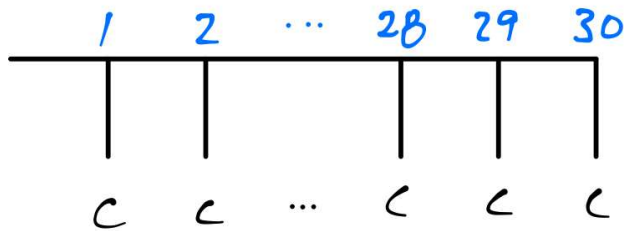# Solution: Dome Renovations

Cash flow diagram:



Equivalent levelized cost of \$118M at 8%:

$$C = \frac{r * PV}{\left(1 - \dfrac{1}{(1+r)^T}\right)} = \frac{0.08 * \$118M}{\left(1 - \dfrac{1}{1.08^{30}}\right)} = \$10.5M$$