

1 Q. What percentage of the time is Holyrood expected to be the marginal plant in 2009
2 through 2012 in light of the decrease in Industrial Customer demand?
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5 A. With current high reservoir storage conditions and with normal inflows, the
6 Holyrood plant is not required to operate for energy supply but for demand
7 purposes only. At current reservoir levels and with the Holyrood plant operating at
8 minimum output level, there is more renewable energy available than load. This is
9 expected to continue until at least 2010. However, once reservoir levels fall
10 sufficiently to reduce the risk of spillage, most, if not all, of the marginal energy
11 requirements, regardless of the time of year will be supplied by Holyrood.
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13 The demand drivers for Holyrood unit operation and output levels are the Avalon
14 Peninsula transmission loading and total system demand. In light of these demand
15 requirements, the Holyrood Plant is forecast to be shutdown for the months of July,
16 August and September with single unit operation in May, June and October. The
17 reductions in Industrial Customer demand in 2009 will have a limited effect on the
18 Holyrood Plant operating time because of the Avalon Peninsula transmission
19 constraints and total system peak loads that are still well above what can be
20 supplied by hydroelectric units only.
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22 Hydro is presently reviewing measures to address the Avalon Peninsula
23 transmission constraints and the impact on Holyrood operation.