

1 Q. Please confirm that the historical dry sequence assumed in the hydrology analysis  
2 for Figures 3 and 4 on page 16 of the ESRA Report is the period in the late 1950s  
3 and early 1960s, and that this period is the lowest inflows in Hydro's hydrological  
4 record. Please provide Figures 3 and 4 in a table format.

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7 A. The hydrology analysis for Figures 3 and 4 on page 16 of the ESRA Report was based  
8 on the period April 1959 through December 1962. There are individual months or  
9 quarters in Hydro's hydrological records with lower inflow periods; however, 1959  
10 to 1962 was the longest period of sustained low inflows and is defined as Hydro's  
11 historic dry sequence.

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13 Table 1 presents the data used to create Figures 3 and 4.

1 **Table 1 Energy Generation and Storage: Holyrood Plant DAFORs of 19% and 24%**

|           | Production for DAFOR = 19%, GWh |                |                |             |                   | Production for DAFOR = 24%, GWh |                |                |             |                   |
|-----------|---------------------------------|----------------|----------------|-------------|-------------------|---------------------------------|----------------|----------------|-------------|-------------------|
|           | NLH Hydr Gen                    | Wind and Cogen | Other Hydr Gen | Thermal Gen | Energy in Storage | NLH Hydr Gen                    | Wind and Cogen | Other Hydr Gen | Thermal Gen | Energy in Storage |
| 30-Apr-16 | 227                             | 13             | 59             | 125         | 1803              | 267                             | 13             | 59             | 85          | 1748              |
| 31-May-16 | 321                             | 19             | 113            | 126         | 2236              | 329                             | 19             | 113            | 118         | 2187              |
| 30-Jun-16 | 270                             | 17             | 77             | 100         | 2355              | 276                             | 17             | 77             | 93          | 2299              |
| 31-Jul-16 | 267                             | 16             | 84             | 63          | 2196              | 265                             | 16             | 84             | 65          | 2133              |
| 31-Aug-16 | 271                             | 15             | 70             | 71          | 2003              | 265                             | 15             | 71             | 76          | 1974              |
| 30-Sep-16 | 228                             | 18             | 71             | 103         | 1934              | 242                             | 18             | 71             | 89          | 1872              |
| 31-Oct-16 | 276                             | 20             | 69             | 185         | 1839              | 303                             | 20             | 69             | 159         | 1738              |
| 30-Nov-16 | 320                             | 21             | 83             | 244         | 2013              | 340                             | 21             | 83             | 224         | 1896              |
| 31-Dec-16 | 444                             | 24             | 103            | 252         | 2149              | 420                             | 24             | 103            | 276         | 2080              |
| 31-Jan-17 | 488                             | 25             | 105            | 271         | 1863              | 473                             | 25             | 105            | 286         | 1820              |
| 28-Feb-17 | 458                             | 23             | 86             | 228         | 1673              | 436                             | 23             | 86             | 250         | 1604              |
| 31-Mar-17 | 432                             | 24             | 102            | 252         | 1389              | 408                             | 24             | 102            | 276         | 1381              |
| 30-Apr-17 | 320                             | 20             | 94             | 218         | 1389              | 314                             | 20             | 94             | 223         | 1380              |
| 31-May-17 | 287                             | 19             | 97             | 172         | 2082              | 275                             | 19             | 97             | 185         | 2086              |
| 30-Jun-17 | 192                             | 17             | 67             | 190         | 2255              | 224                             | 17             | 67             | 159         | 2226              |
| 31-Jul-17 | 161                             | 16             | 73             | 183         | 2199              | 182                             | 16             | 73             | 162         | 2149              |
| 31-Aug-17 | 185                             | 15             | 67             | 166         | 2074              | 196                             | 15             | 67             | 155         | 2013              |
| 30-Sep-17 | 170                             | 18             | 49             | 200         | 1961              | 219                             | 18             | 49             | 150         | 1842              |
| 31-Oct-17 | 308                             | 20             | 64             | 166         | 1898              | 318                             | 20             | 64             | 155         | 1782              |
| 30-Nov-17 | 411                             | 21             | 56             | 180         | 1830              | 402                             | 21             | 56             | 189         | 1703              |
| 31-Dec-17 | 456                             | 24             | 61             | 280         | 1628              | 452                             | 24             | 60             | 287         | 1507              |
| 31-Jan-18 | 509                             | 25             | 97             | 279         | 1290              | 494                             | 25             | 97             | 296         | 1214              |
| 28-Feb-18 | 438                             | 23             | 95             | 256         | 931               | 426                             | 23             | 95             | 267         | 830               |
| 31-Mar-18 | 424                             | 24             | 99             | 277         | 578               | 405                             | 24             | 99             | 296         | 535               |
| 30-Apr-18 | 338                             | 20             | 100            | 216         | 548               | 294                             | 20             | 100            | 260         | 539               |
| 31-May-18 | 298                             | 19             | 99             | 172         | 1341              | 271                             | 19             | 99             | 199         | 1341              |
| 30-Jun-18 | 202                             | 17             | 65             | 190         | 1648              | 204                             | 17             | 65             | 189         | 1662              |
| 31-Jul-18 | 181                             | 16             | 64             | 180         | 1592              | 186                             | 16             | 64             | 175         | 1599              |
| 31-Aug-18 | 192                             | 15             | 66             | 166         | 1467              | 202                             | 15             | 66             | 155         | 1466              |
| 30-Sep-18 | 176                             | 18             | 43             | 200         | 1324              | 226                             | 18             | 43             | 150         | 1288              |
| 31-Oct-18 | 332                             | 20             | 50             | 166         | 1216              | 302                             | 20             | 50             | 195         | 1230              |
| 30-Nov-18 | 384                             | 21             | 58             | 209         | 1125              | 399                             | 21             | 58             | 194         | 1094              |
| 31-Dec-18 | 456                             | 24             | 61             | 291         | 967               | 450                             | 24             | 61             | 296         | 941               |
| 31-Jan-19 | 492                             | 25             | 104            | 292         | 683               | 489                             | 25             | 104            | 296         | 661               |
| 28-Feb-19 | 442                             | 23             | 91             | 264         | 467               | 438                             | 23             | 91             | 267         | 446               |
| 31-Mar-19 | 418                             | 24             | 110            | 278         | 316               | 401                             | 24             | 110            | 296         | 317               |
| 30-Apr-19 | 438                             | 20             | 118            | 101         | 652               | 438                             | 20             | 118            | 101         | 665               |
| 31-May-19 | 406                             | 19             | 115            | 56          | 1122              | 406                             | 19             | 115            | 56          | 1130              |
| 30-Jun-19 | 318                             | 17             | 91             | 50          | 1440              | 318                             | 17             | 91             | 50          | 1431              |
| 31-Jul-19 | 294                             | 16             | 83             | 52          | 1393              | 294                             | 16             | 83             | 52          | 1400              |
| 31-Aug-19 | 305                             | 15             | 91             | 29          | 1307              | 305                             | 15             | 91             | 29          | 1318              |
| 30-Sep-19 | 293                             | 18             | 83             | 50          | 1131              | 293                             | 18             | 83             | 50          | 1133              |
| 31-Oct-19 | 377                             | 20             | 84             | 87          | 1061              | 376                             | 20             | 84             | 87          | 1063              |
| 30-Nov-19 | 447                             | 21             | 100            | 104         | 1414              | 448                             | 21             | 100            | 104         | 1405              |
| 31-Dec-19 | 552                             | 24             | 111            | 156         | 1257              | 551                             | 24             | 111            | 156         | 1262              |

Note: Thermal generation includes both Holyrood Thermal Generating Station and stand by generation.