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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA, AUSTRALIA

PRODUCTION SUMMARY NO. 5 : ELECTRICITY AND GAS

AUGUST 1970

The figures for 1967-68 are those recorded in the Annual Factory Census. All subsequent figures are derived from the recorded monthly production and are subject to revision. This summary contains seasonally adjusted statistics of Electricity in Table 1 below. In the seasonal adjustment, account has been taken not only of normal seasonal factors but also of "trading-day" effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. Details of the methods used in seasonally adjusting this and other series are given in "Seasonally Adjusted Indicators 1970" (Ref. No. 1.10) issued on 29 June 1970. Production figures for Northern Territory are included with South Australia from July 1968.

TABLE 1. - ELECTRICITY (a) - THERMAL AND HYDRO  
(million kWh)

| Period                     | Code No. | Thermal | Hydro  | Total    |                         |
|----------------------------|----------|---------|--------|----------|-------------------------|
|                            |          |         |        | Original | Seasonally adjusted (b) |
|                            |          | 499.46  | 499.44 | 499.42   |                         |
| 1967-68                    |          | 36,837  | 7,694  | 44,531   | ..                      |
| 1968-69                    |          | 40,448  | 8,339  | 48,787   | ..                      |
| 1969-70                    |          | 44,781  | 9,045  | 53,826   | ..                      |
| Months :                   |          |         |        |          |                         |
| 1969 July                  |          | 4,175   | 802    | 4,977    | 4,196                   |
| August                     |          | 3,770   | 906    | 4,675    | 4,168                   |
| September                  |          | 3,686   | 910    | 4,596    | 4,421                   |
| October                    |          | 3,757   | 734    | 4,491    | 4,456                   |
| November                   |          | 3,315   | 812    | 4,127    | 4,413                   |
| December                   |          | 3,442   | 699    | 4,141    | 4,495                   |
| 1970 January               |          | 3,357   | 657    | 4,014    | 4,554                   |
| February                   |          | 3,374   | 620    | 3,994    | 4,634                   |
| March                      |          | 3,645   | 675    | 4,320    | 4,670                   |
| April                      |          | 3,720   | 680    | 4,400    | 4,604                   |
| May                        |          | 4,241   | 758    | 4,999    | 4,748                   |
| June                       |          | 4,298   | 794    | 5,092    | 4,588                   |
| July                       |          | 4,550   | 915    | 5,465    | 4,609                   |
| August                     |          | 4,176   | 1,016  | 5,192    | 4,619                   |
| 2 months ended August 1970 |          | 8,726   | 1,931  | 10,657   | ..                      |
| 2 months ended August 1969 |          | 7,945   | 1,708  | 9,653    | ..                      |

(a) Figures represent estimates of total electricity generated by public utilities, factories generating for their own use, and factories supplying electricity for domestic and other consumption. (b) See note at top of page.

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TABLE 2. - ELECTRICITY (a) (b)  
(million kWh)

|                            |              | N.S.W. | Vic. and W.A. | Qld   | S.A.  | Tas.  | Australia |
|----------------------------|--------------|--------|---------------|-------|-------|-------|-----------|
| Period                     | Code No.     | 499.42 |               |       |       |       |           |
|                            |              |        |               |       |       |       |           |
| 1967-68                    |              | 18,043 | 13,635        | 5,189 | 3,890 | 3,773 | 44,531    |
| 1968-69                    |              | 18,699 | 15,381        | 5,673 | 4,301 | 4,733 | 48,787    |
| 1969-70                    |              | 20,873 | 17,133        | 6,055 | 4,625 | 5,140 | 53,826    |
| Months :                   | 1969 July    | 1,929  | 1,641         | 535   | 421   | 453   | 4,977     |
|                            | August       | 1,891  | 1,403         | 531   | 398   | 452   | 4,675     |
|                            | September    | 1,835  | 1,400         | 530   | 400   | 432   | 4,596     |
|                            | October      | 1,692  | 1,454         | 529   | 383   | 433   | 4,491     |
|                            | November     | 1,654  | 1,186         | 514   | 369   | 404   | 4,127     |
|                            | December     | 1,644  | 1,239         | 488   | 366   | 404   | 4,141     |
|                            | 1970 January | 1,528  | 1,262         | 469   | 356   | 399   | 4,014     |
|                            | February     | 1,585  | 1,217         | 446   | 367   | 380   | 3,994     |
|                            | March        | 1,614  | 1,430         | 480   | 378   | 419   | 4,320     |
|                            | April        | 1,641  | 1,471         | 489   | 370   | 429   | 4,400     |
|                            | May          | 1,910  | 1,706         | 517   | 397   | 469   | 4,999     |
|                            | June         | 1,951  | 1,725         | 528   | 421   | 468   | 5,092     |
|                            | July         | 2,081  | 1,836         | 603   | 463   | 482   | 5,465     |
|                            | August       | 2,086  | 1,576         | 578   | 466   | 486   | 5,192     |
| 2 months ended August 1970 |              | 4,167  | 3,412         | 1,181 | 929   | 968   | 10,657    |
| 2 months ended August 1969 |              | 3,820  | 3,044         | 1,066 | 819   | 904   | 9,653     |

(a) See footnote (a), page 1.

(b) Statistics relate to generation of electricity within each State and take no account of interchanges between States. Furthermore, details for Victoria exclude Victorian entitlements to generation from the Hume Power Station and the Snowy Mountains Hydro-electric Scheme.

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TABLE 3. - GAS AVAILABLE FOR ISSUE THROUGH MAINS (a) - THERMAL EQUIVALENT (b)  
( '000 therms)

| Period                     |              | N.S.W.  | Vic.    | Qld    | W.A.   | S.A.<br>and<br>Tas. | Australia |
|----------------------------|--------------|---------|---------|--------|--------|---------------------|-----------|
| Code No.                   |              | 434.19  |         |        |        |                     |           |
| 1967-68                    |              | 128,348 | 126,814 | 16,663 | 8,536  | 31,191              | 311,553   |
| 1968-69                    |              | 131,102 | 137,411 | 17,018 | 9,556  | 36,230              | 331,318   |
| 1969-70                    |              | 133,930 | 176,900 | 76,363 | 10,576 | 107,969             | 505,738   |
| Months :                   | 1969 July    | 14,366  | 17,186  | 6,634  | 1,008  | 4,061               | 43,254    |
|                            | August       | 13,029  | 15,856  | 6,620  | 986    | 3,946               | 40,436    |
|                            | September    | 12,431  | 15,937  | 6,214  | 950    | 3,263               | 38,795    |
|                            | October      | 11,057  | 13,006  | 6,383  | 868    | 3,107               | 34,421    |
|                            | November     | 10,426  | 11,282  | 5,159  | 814    | 3,474               | 31,155    |
|                            | December     | 8,994   | 10,922  | 4,754  | 771    | 5,857               | 31,298    |
|                            | 1970 January | 8,601   | 10,503  | 5,989  | 749    | 5,812               | 31,654    |
|                            | February     | 8,436   | 10,631  | 6,439  | 666    | 13,859              | 40,032    |
|                            | March        | 9,518   | 13,246  | 6,511  | 824    | 16,055              | 46,154    |
|                            | April        | 10,165  | 14,922  | 7,694  | 891    | 14,334              | 48,007    |
|                            | May          | 13,115  | 20,908  | 6,996  | 1,004  | 14,356              | 56,380    |
|                            | June         | 13,791  | 22,501  | 6,971  | 1,043  | 19,846              | 64,153    |
|                            | July         | 14,921  | 24,458  | 9,060  | 1,098  | 26,221              | 75,758    |
|                            | August       | 14,015  | 23,856  | 5,939  | 1,122  | 26,401              | 71,333    |
| 2 months ended August 1970 |              | 28,936  | 48,314  | 15,999 | 2,220  | 52,621              | 147,091   |
| 2 months ended August 1969 |              | 27,395  | 33,042  | 13,254 | 1,993  | 8,006               | 83,691    |

(a) From July 1969 includes natural gas. (b) 1 therm = 100,000 British thermal units.

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NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 490211 extension 322 or, in each State capital, by telephoning the office of the Deputy Commonwealth Statistician.

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