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OPEN FILE REPORT  
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D.W. Meyer &amp; Associates

TOTAL ESTIMATED REMAINING COAL RESOURCES OF THE UNITED STATES, Jan. 1, 1967 [In millions of short tons. Figures are for resources in the ground, about half of which may be considered recoverable. Includes beds of bituminous coal and anthracite 14 in. or more thick and beds of subbituminous coal and lignite 2½ ft. or more thick.] 1/

Overburden 0-3,000 feet

Resources determined by mapping and exploration

Remaining resources in the ground as of Jan. 1, 1967 2/

| State          | Bituminous coal | Subbituminous coal | Lignite | Anthracite and semi-anthracite | Total     | Estimated additional resources in unmapped and unexplored areas 3/ | Estimated total remaining resources in the ground, 0-3,000 ft. overburden | Estimated resources in deeper structural basins 3,000-6,000 ft. overburden 3/ | Estimated total remaining resources in the ground, 0-6,000 ft. overburden |
|----------------|-----------------|--------------------|---------|--------------------------------|-----------|--------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Alabama        | 13,518          | 0                  | 20      | 0                              | 13,538    | 20,000                                                             | 33,538                                                                    | 6,000                                                                         | 39,538                                                                    |
| Alaska         | 19,415          | 110,674            | 4/ —    | 5/ —                           | 130,089   | 130,000                                                            | 260,089                                                                   | 5,000                                                                         | 265,089                                                                   |
| Arkansas       | 1,640           | 0                  | 350     | 430                            | 2,420     | 4,000                                                              | 6,420                                                                     | 0                                                                             | 6,420                                                                     |
| Colorado       | 62,389          | 18,248             | 0       | 78                             | 80,715    | 146,000                                                            | 226,715                                                                   | 145,000                                                                       | 371,715                                                                   |
| Georgia        | 18              | 0                  | 0       | 0                              | 18        | 60                                                                 | 78                                                                        | 0                                                                             | 78                                                                        |
| Illinois       | 139,756         | 0                  | 0       | 0                              | 139,756   | 100,000                                                            | 239,756                                                                   | 0                                                                             | 239,756                                                                   |
| Indiana        | 34,779          | 0                  | 0       | 0                              | 34,779    | 22,000                                                             | 56,779                                                                    | 0                                                                             | 56,779                                                                    |
| Iowa           | 6,519           | 0                  | 0       | 0                              | 6,519     | 14,000                                                             | 20,519                                                                    | 0                                                                             | 20,519                                                                    |
| Kansas         | 18,686          | 0                  | 6/ —    | 0                              | 18,686    | 4,000                                                              | 22,686                                                                    | 0                                                                             | 22,686                                                                    |
| Kentucky       | 65,958          | 0                  | 0       | 0                              | 65,958    | 52,000                                                             | 117,958                                                                   | 0                                                                             | 117,958                                                                   |
| Maryland       | 1,172           | 0                  | 0       | 0                              | 1,172     | 400                                                                | 1,572                                                                     | 0                                                                             | 1,572                                                                     |
| Michigan       | 205             | 0                  | 0       | 0                              | 205       | 500                                                                | 705                                                                       | 0                                                                             | 705                                                                       |
| Missouri       | 23,359          | 0                  | 0       | 0                              | 23,359    | 0                                                                  | 23,359                                                                    | 0                                                                             | 23,359                                                                    |
| Montana        | 2,299           | 131,877            | 87,525  | 0                              | 221,701   | 157,000                                                            | 378,701                                                                   | 0                                                                             | 378,701                                                                   |
| New Mexico     | 10,760          | 50,715             | 0       | 4                              | 61,479    | 27,000                                                             | 88,479                                                                    | 21,000                                                                        | 109,479                                                                   |
| North Carolina | 110             | 0                  | 0       | 0                              | 110       | 20                                                                 | 130                                                                       | 5                                                                             | 135                                                                       |
| North Dakota   | 0               | 0                  | 350,680 | 0                              | 350,680   | 180,000                                                            | 530,680                                                                   | 0                                                                             | 530,680                                                                   |
| Ohio           | 41,862          | 0                  | 0       | 0                              | 41,862    | 2,000                                                              | 43,862                                                                    | 0                                                                             | 43,862                                                                    |
| Oklahoma       | 3,299           | 0                  | 6/ —    | 0                              | 3,299     | 20,000                                                             | 23,299                                                                    | 10,000                                                                        | 33,299                                                                    |
| Oregon         | 48              | 284                | 0       | 0                              | 332       | 100                                                                | 432                                                                       | 0                                                                             | 432                                                                       |
| Pennsylvania   | 57,533          | 0                  | 0       | 12,117                         | 69,650    | 10,000                                                             | 79,650                                                                    | 0                                                                             | 79,650                                                                    |
| South Dakota   | 0               | 0                  | 2,031   | 0                              | 2,031     | 1,000                                                              | 3,031                                                                     | 0                                                                             | 3,031                                                                     |
| Tennessee      | 2,652           | 0                  | 0       | 0                              | 2,652     | 2,000                                                              | 4,652                                                                     | 0                                                                             | 4,652                                                                     |
| Texas          | 6,048           | 0                  | 6,878   | 0                              | 12,926    | 14,000                                                             | 26,926                                                                    | 0                                                                             | 26,926                                                                    |
| Utah           | 32,100          | 150                | 0       | 0                              | 32,250    | 48,000                                                             | 80,250                                                                    | 35,000                                                                        | 115,250                                                                   |
| Virginia       | 9,712           | 0                  | 0       | 335                            | 10,047    | 3,000                                                              | 13,047                                                                    | 100                                                                           | 13,147                                                                    |
| Washington     | 1,867           | 4,194              | 117     | 5                              | 6,183     | 30,000                                                             | 36,183                                                                    | 15,000                                                                        | 51,183                                                                    |
| West Virginia  | 102,034         | 0                  | 0       | 0                              | 102,034   | 0                                                                  | 102,034                                                                   | 0                                                                             | 102,034                                                                   |
| Wyoming        | 12,699          | 108,011            | 4/ —    | 0                              | 120,710   | 325,000                                                            | 445,710                                                                   | 100,000                                                                       | 545,710                                                                   |
| Other States   | 1/ 618          | 8/ 4,057           | 9/ 46   | 0                              | 4,721     | 1,000                                                              | 5,721                                                                     | 0                                                                             | 5,721                                                                     |
| Total          | 671,055         | 428,210            | 447,647 | 12,969                         | 1,559,881 | 1,313,080                                                          | 2,872,961                                                                 | 337,105                                                                       | 3,210,066                                                                 |

1/ By Paul Averitt, U.S. Geological Survey.

2/ Estimates from published reports of the U.S. Geological Survey and individual State Surveys reduced by production and losses in mining from date of estimate to Jan. 1, 1967. Losses assumed to be equal to production.

3/ Estimates by G. H. Ashley (Pennsylvania), H. M. Beikman (Washington), H. L. Berryhill, Jr., (Virginia and Wyoming), R. A. Brant (Ohio and North Dakota), W. C. Culbertson (Alabama), K. J. Englund (Kentucky), B. R. Haley (Arkansas), E. R. Landis (Colorado and Iowa), E. T. Luther (Tennessee), R. S. Mason (Oregon), F. C. Peterson (Kaiparowits Plateau, Utah), J. A. Simon (Illinois), J. V. A. Trumbull (Oklahoma), C. E. Wier (Indiana), and Paul Averitt for the remaining States

4/ Small resources of lignite included under subbituminous coal.

5/ Small resources of anthracite in the Bering River field believed to be too badly crushed and faulted to be economically recoverable.

6/ Small resources of lignite in beds generally less than 30 in. thick.

7/ Arizona, California, Idaho, Nebraska, and Nevada. Bituminous coal in Black Mesa field, Arizona included under subbituminous coal.

8/ Arizona, California, Idaho.

9/ California, Idaho, Louisiana and Nevada.