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**Table 3.8. Geothermal Direct Use of Energy and Heat Pumps, 1990-2006
(Quadrillion Btu)**

| Year | Direct Use | Heat Pumps | Total |
|-------------|-------------------|-------------------|--------------|
| 1990 | 0.0048 | 0.0054 | 0.0102 |
| 1991 | 0.0050 | 0.0060 | 0.0110 |
| 1992 | 0.0051 | 0.0067 | 0.0118 |
| 1993 | 0.0053 | 0.0072 | 0.0125 |
| 1994 | 0.0056 | 0.0076 | 0.0132 |
| 1995 | 0.0058 | 0.0083 | 0.0141 |
| 1996 | 0.0059 | 0.0093 | 0.0152 |
| 1997 | 0.0061 | 0.0101 | 0.0162 |
| 1998 | 0.0063 | 0.0115 | 0.0178 |
| 1999 | 0.0079 | 0.0114 | 0.0193 |
| 2000 | 0.0084 | 0.0122 | 0.0206 |
| 2001 | 0.0090 | 0.0135 | 0.0225 |
| 2002 | 0.0090 | 0.0147 | 0.0237 |
| 2003 | 0.0086 | 0.0188 | 0.0274 |
| 2004 | 0.0086 | 0.0212 | 0.0298 |
| 2005 | 0.0088 | 0.0240 | 0.0328 |
| 2006 | 0.0091 | 0.0276 | 0.0367 |

Note: Direct use includes applications such as: district heating, aquaculture pond and raceway heating, greenhouse heating and agricultural drying.

Source: John Lund, Oregon Institute of Technology, Geo-Heat Center (Klamath Falls, Oregon, March 2007).