Hydroelectric Power

- Niagara Falls
- Tennessee Valley Authority

Niagara Falls

- Flowrate - 200,000 ft³ per second
- Steep Drop - 160 feet
- First Hydroelectric Generator (1881)
  - Who ???????
- Large Scale Hydroelectric Generator (1896)
- Today - US & Canadian
  - 4,200,000 kW
  - Located 4 miles Below Falls - Diverted Water

Tennessee Valley Authority

- Created 1933
- 33 Major Dams
- Knoxville To Paducah (Ohio River)
- 100 Billion kwh Annually
- Oak Ridge National Laboratory
  - Tokamak Facility

Architecture

- Pyramids
- Great Wall Of China
- Statue of Liberty

Egyptian Pyramids
(Seven Wonders Of the World)

- Built 2700 BC To 1000 BC
- Primarily
  - Giza Near Cairo
- Great Pyramid
  - 481 feet High
  - 756 feet Wide
Great Wall Of China

- Protection From Raids By Nomads
- Began - 221 BC
- Completed - 204 BC
- Later Extended
- Length - 1500 miles
- Height - 25 feet
- Only 100 miles Still Intact

Statue Of Liberty

- Given By France To US (1886)
- Commemorates Centennial
- French Sculptor - Bartholdi
- Copper Sheets On An Iron Framework
- 307 feet High
- Became Symbol Of Freedom

Give me your tired, your poor,
Your huddled masses yearning to breathe free,
The wretched refuse of your teeming shore,
Send these, the homeless, tempest-tost to me,
I lift my lamp beside the golden door