

DAE-CHEONG MULTIPURPOSE DAM



KOWACO
Korea Water Resources Corporation

Dam Construction History

- 1968. 4 : Plan
- 1972. 6 : Designe
- 1975. 12 : Construct
- 1980. 6 : Restore
- 1981. 11 : Generate
- 1980. 12 : Complete

- ✓ Construction Cost : \$155 Billion
- ✓ 3rd Largest Dam in South Korea



Dam Statistics

[Main Dam]

- Location : Daejeon & Cheongju
- Basin Area : 4,132km²
- Gross Storage : 1,490 millm³
- Type : Concrete & Rock-fill dam
- Height : 72 m
- Length : 495 m
- Thickness : 58 m at its base
6 m at its crest
- Spillway : 6 Gates
(6,000m³/s)



Dam Statistics

✓ Regulation Dam

- Gross Storage : 4.1 millm³
- Type : Concrete
- Height : 16.7 m
- Length : 234 m

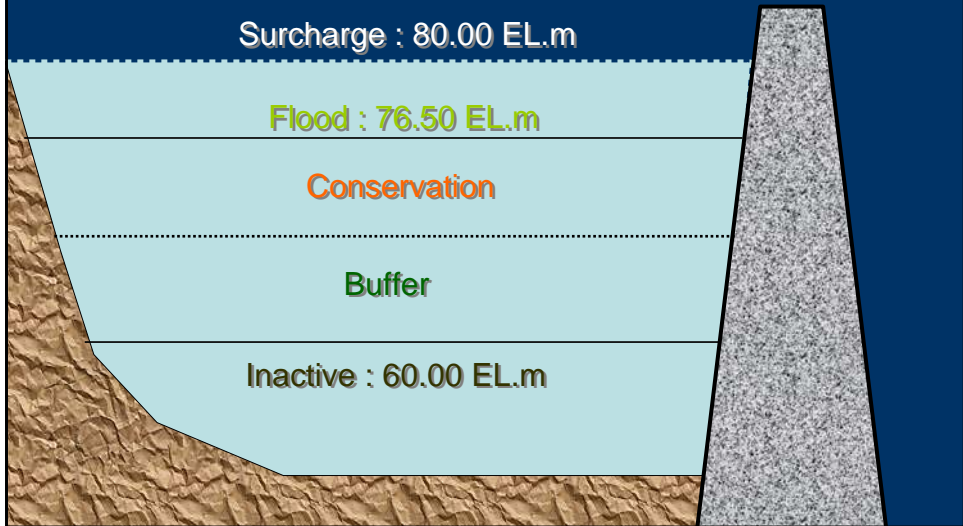


✓ Hydro Power station

- Type : Frances Turbine
- Capacity : 90,000 kWh
(45,000kW, 2 units)
- Discharge : 264m³/s



Reservoir Level



Flood Control

Water Supply



- **Flood Control Storage (250 million m³)**



- **Domestic and Industrial Use, Agricultural Use (1,649 million m³/year)**

Hydro Power Generation

High Quality Water

➤ Electrical generation capacity
(240 million kWh/Year)



➤ Once a week

Public Service

[Rest Area]



[Water Museum]



Water Quality Management

Algae Control



- Spread Yellow Soil & Chemicals

Rubbish Control



- Special Boat & Fence

Thank you