

# Lake Dorothy Project

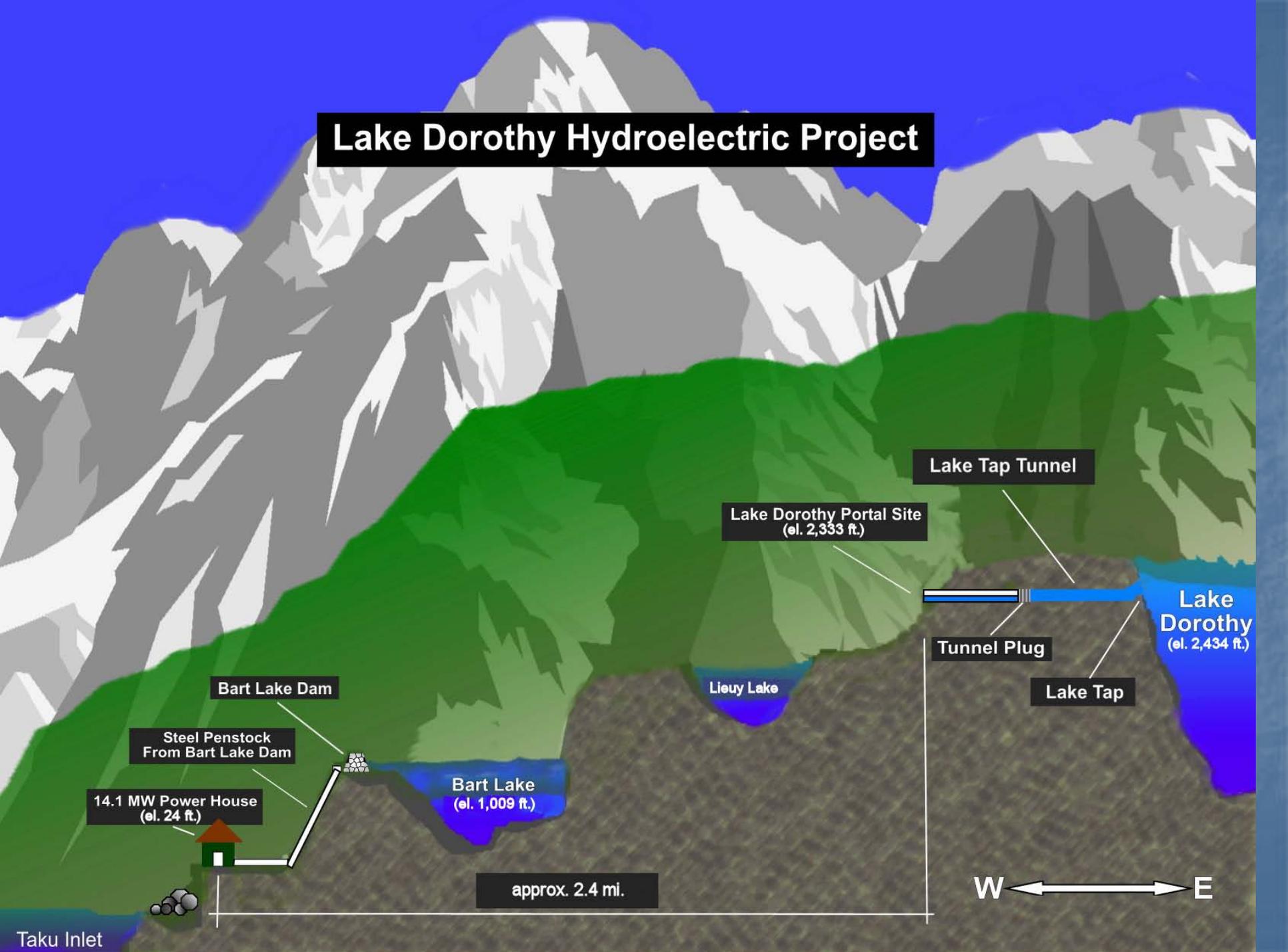
National Hydropower Association

Juneau, Alaska

March 2010



# Lake Dorothy Hydroelectric Project











# Blessing of Hydro

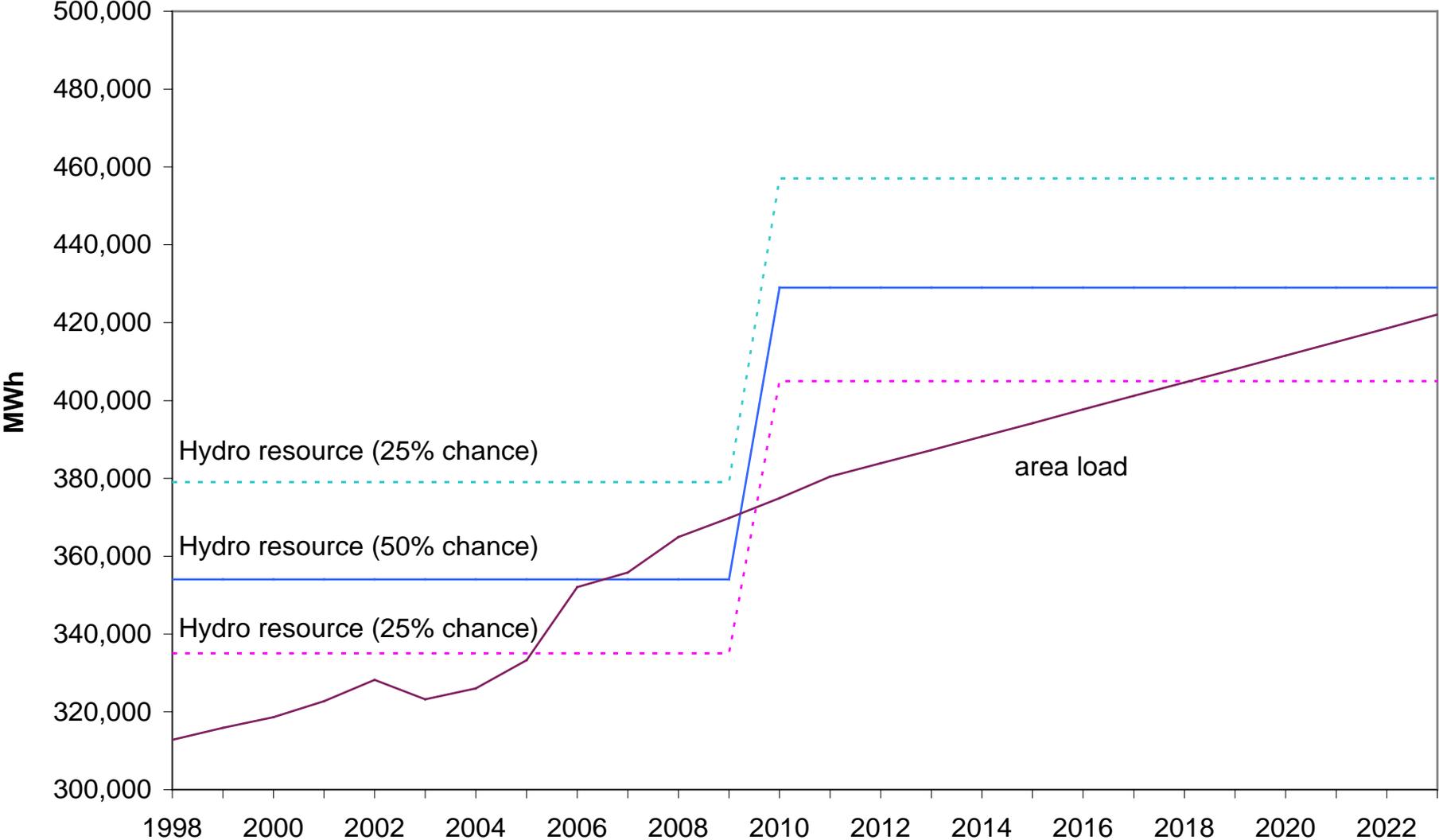
- Renewable (I don't care what some say, it really is)
- Zero Carbon, Green
- Can be stored
- DISPATCHABLE!

# Curse of Hydro

(in isolated systems)

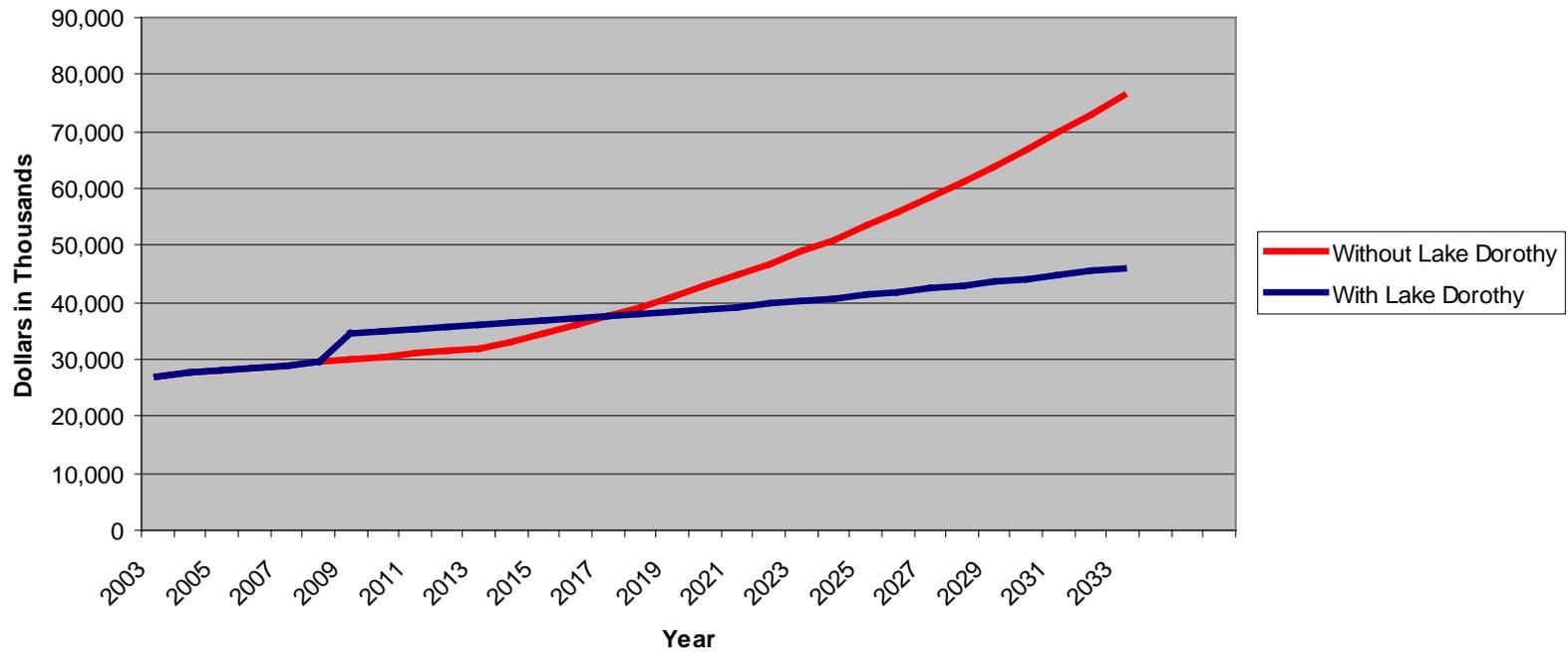
- Quantized
- Have to pay for whole thing whether you are using it or not
- Results in rate shock

# Juneau Load Forecast



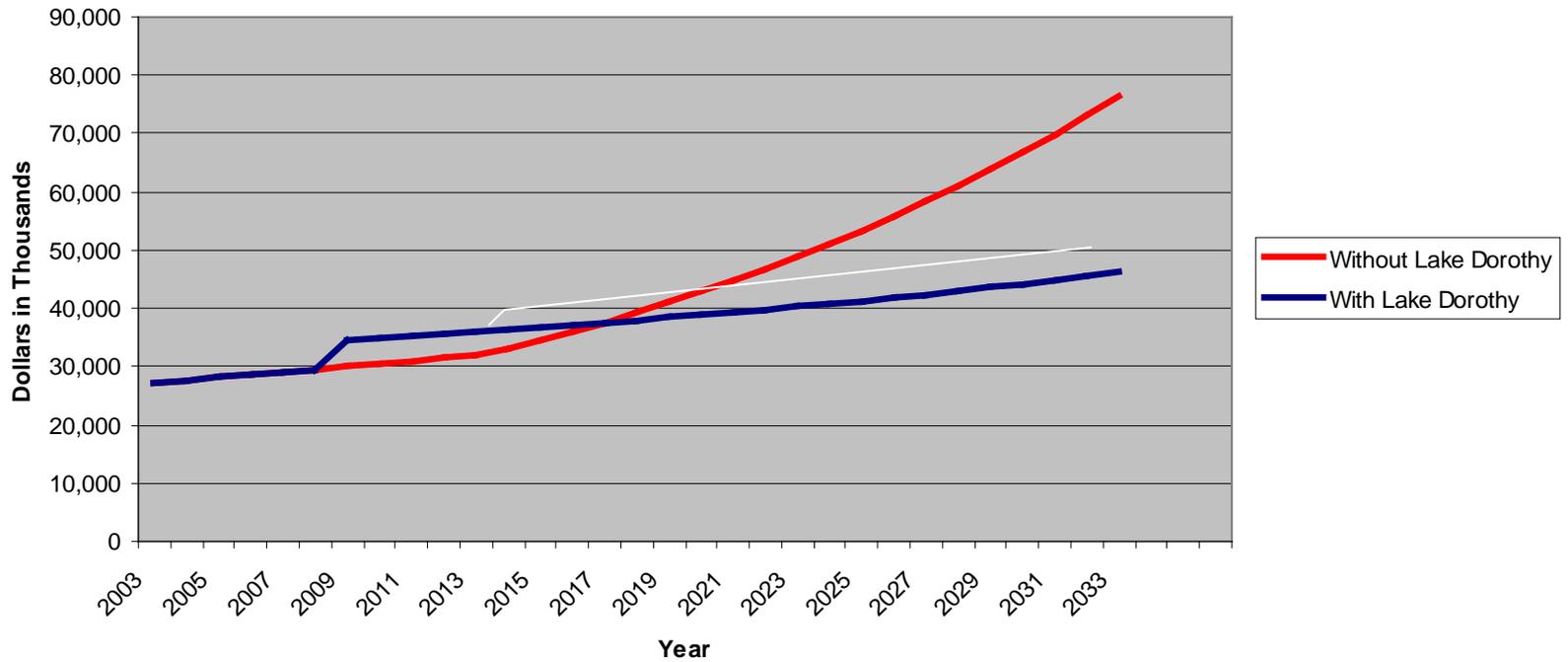
# Projected Rev Req

Total Cost to Ratepayers



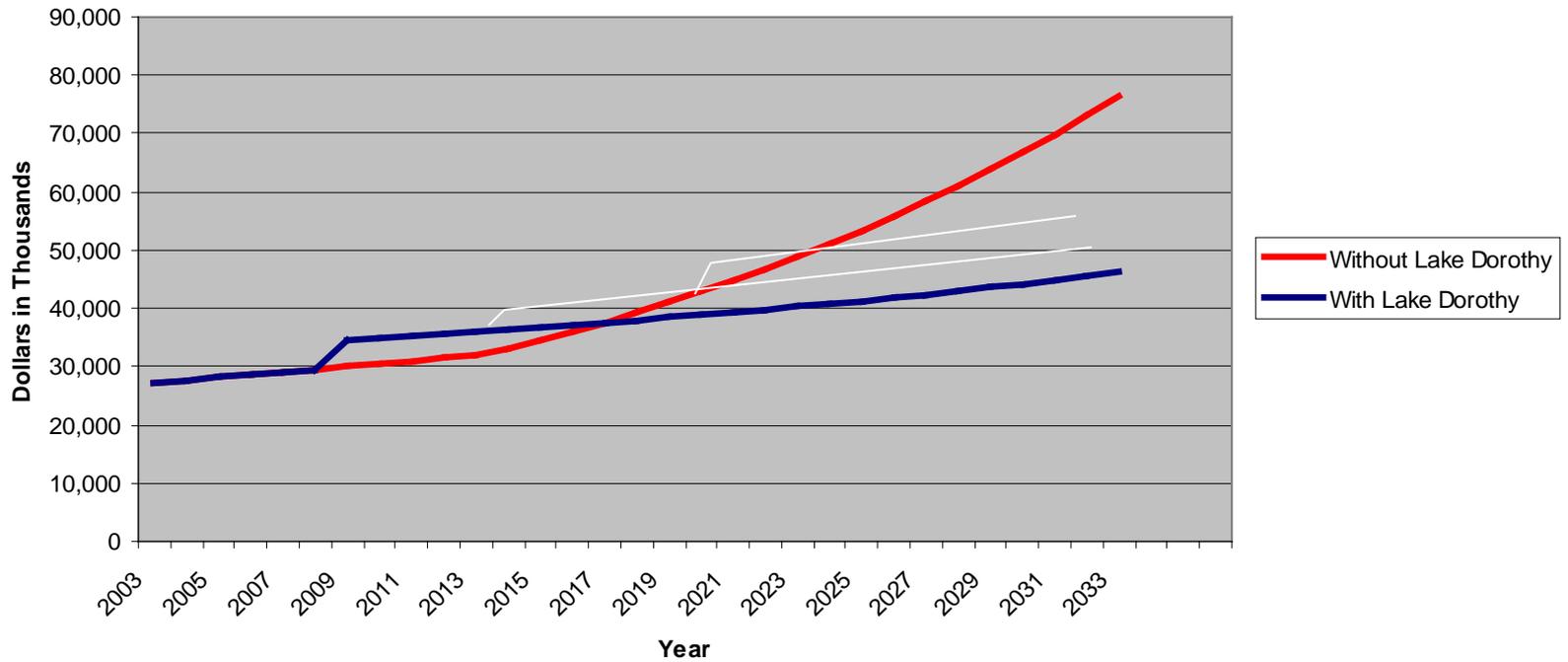
# Projected Rev Req

Total Cost to Ratepayers

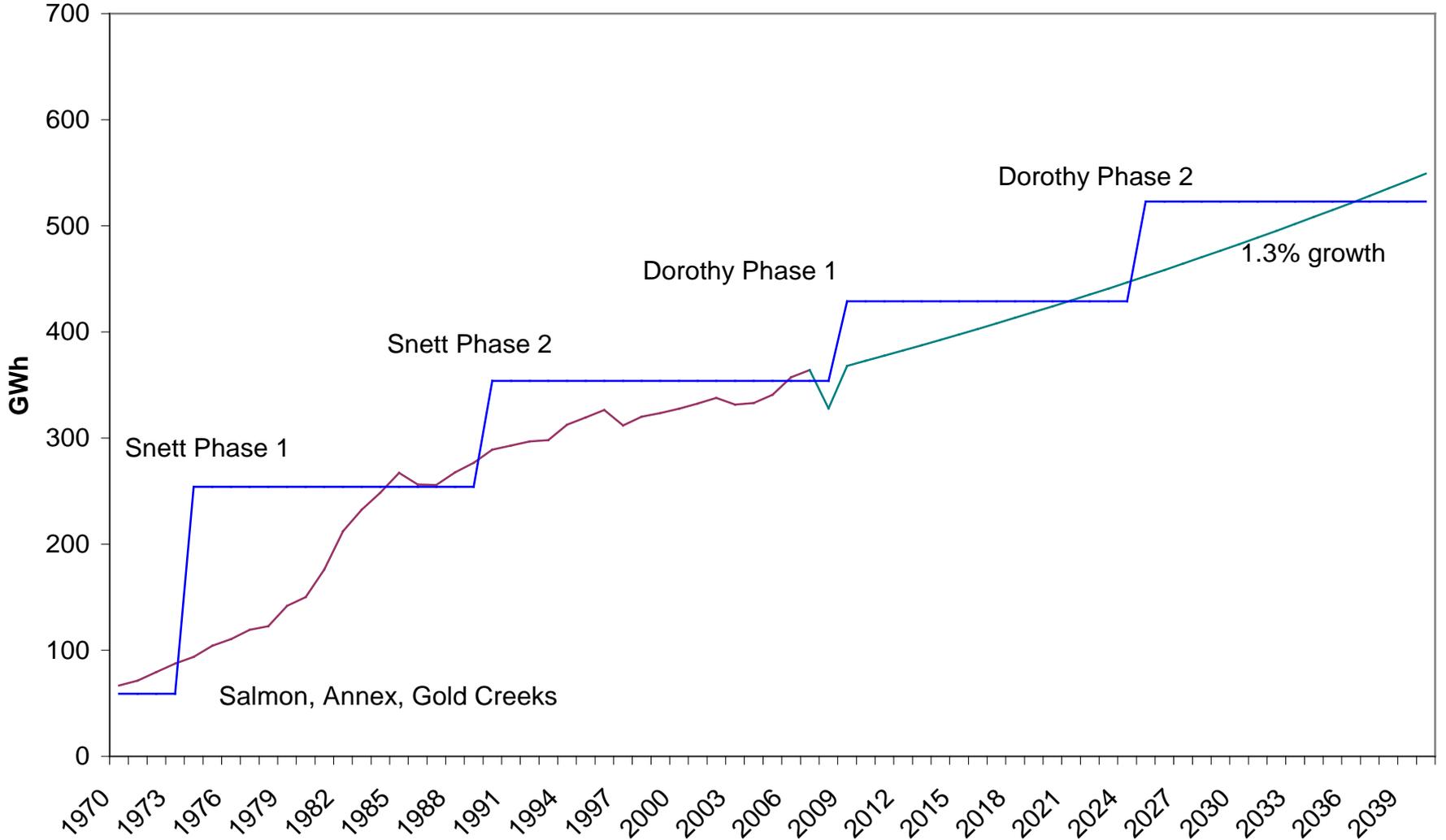


# Projected Rev Req

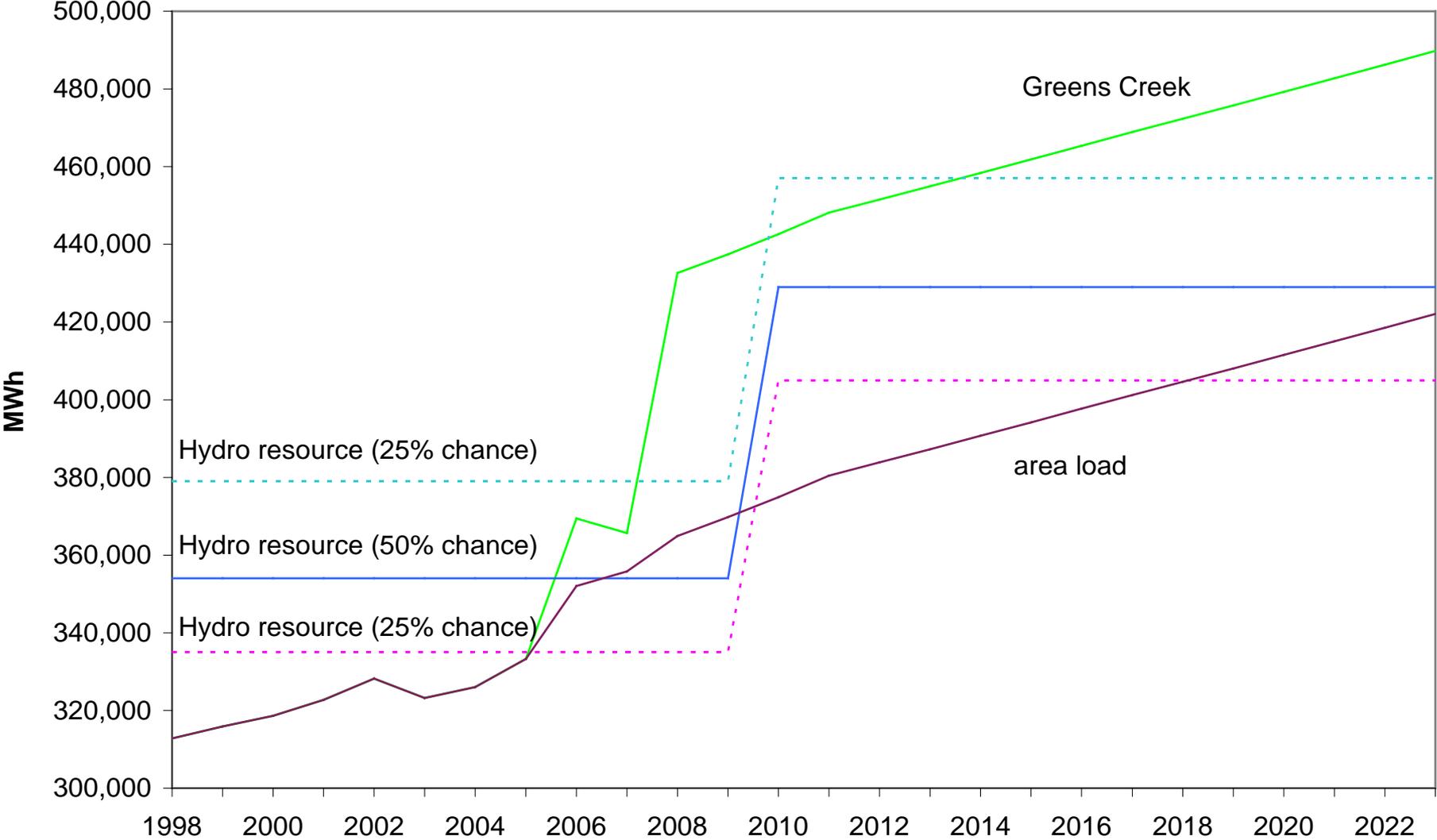
Total Cost to Ratepayers



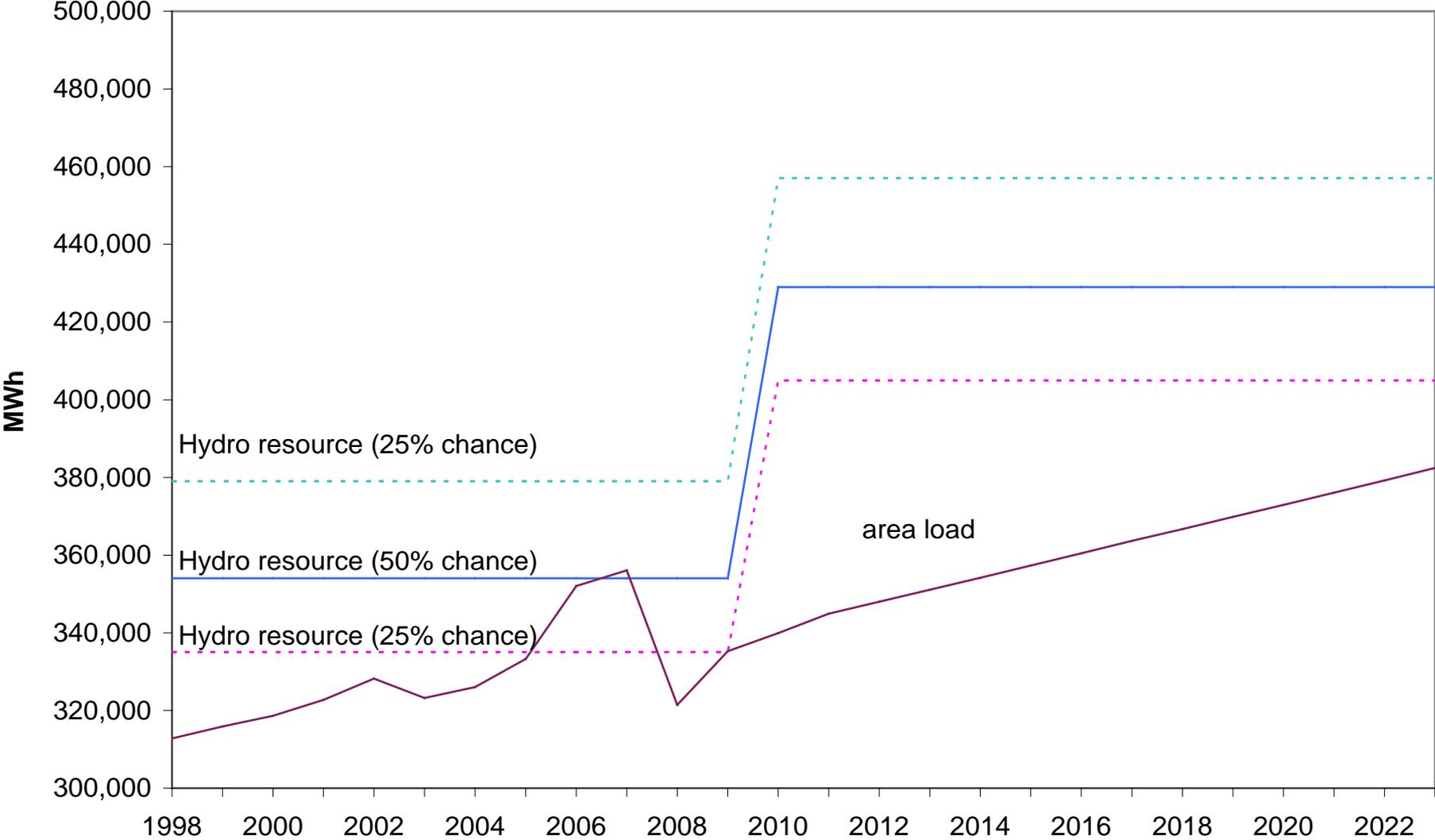
# Juneau Area Energy



# Juneau Load Forecast with Greens Creek



# Juneau Load Forecast



# Juneau Load Forecast with Greens Creek

