



American Galvanizers Association *Galvanize It!* Seminar Program Outline



1-Hour Hot-Dip Galvanized Steel for Power Infrastructure Seminar (Health Safety & Welfare Credit Credit) (Scheduled – Classro

- I. Introduction and Learning Objectives**
- II. Tour of the City**
- III. Power Generation Overview**
 - a. Coal
 - b. Natural Gas
 - c. Nuclear
 - d. Renewable Energy
 - i. Hydro-Electric
 - ii. Solar
 - iii. Wind
- IV. Transmission & Distribution Overview**
 - a. Transmission
 - b. Distribution
- V. Hot-Dip Galvanizing (HDG) Process**
 - a. Surface Preparation
 - b. Galvanizing
 - c. Inspection
- VI. HDG Steel Performance Benefits**
 - a. Corrosion Protection
 - b. Durability
 - c. Longevity in Varied Environments
 - d. Availability & Versatility
 - e. Aesthetics
- VII. Economic Advantages**
 - a. Initial Savings
 - b. Savings in Use
 - c. Life-Cycle Savings
 - i. Caribbean Power Case Study
- VIII. Environmental Advantages**
 - a. Natural & Recyclable
 - b. LEED®
 - c. Life-Cycle Assessment (LCA)
- IX. Conclusion: Galvanize Your Power for the Future**