

# TA008

## APPLICATION ECONOMICS AND PRODUCTIVITY

### **A PRIMER ON EVALUATING THE ECONOMICS OF A MICROWAVE OR RF PROCESSING SYSTEM**

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When developing a new microwave or RF process it is important to evaluate the economics. Microwave and RF processes are usually expensive, so it is important to do a cost/benefit analysis early in the development. The factors that need to be included are:

- Operating costs
  - Capital
  - Amortization
- Utility costs
- Tube replacement
- Maintenance
- Floor space
- Cooling water
- Special requirements

These factors will be described and used in a typical analysis.