

# EPAct 2005 Nuclear Power Provisions

- Standby support to mitigate regulatory risk
- Production tax credits
- Loan guarantees
- Accident liability indemnification

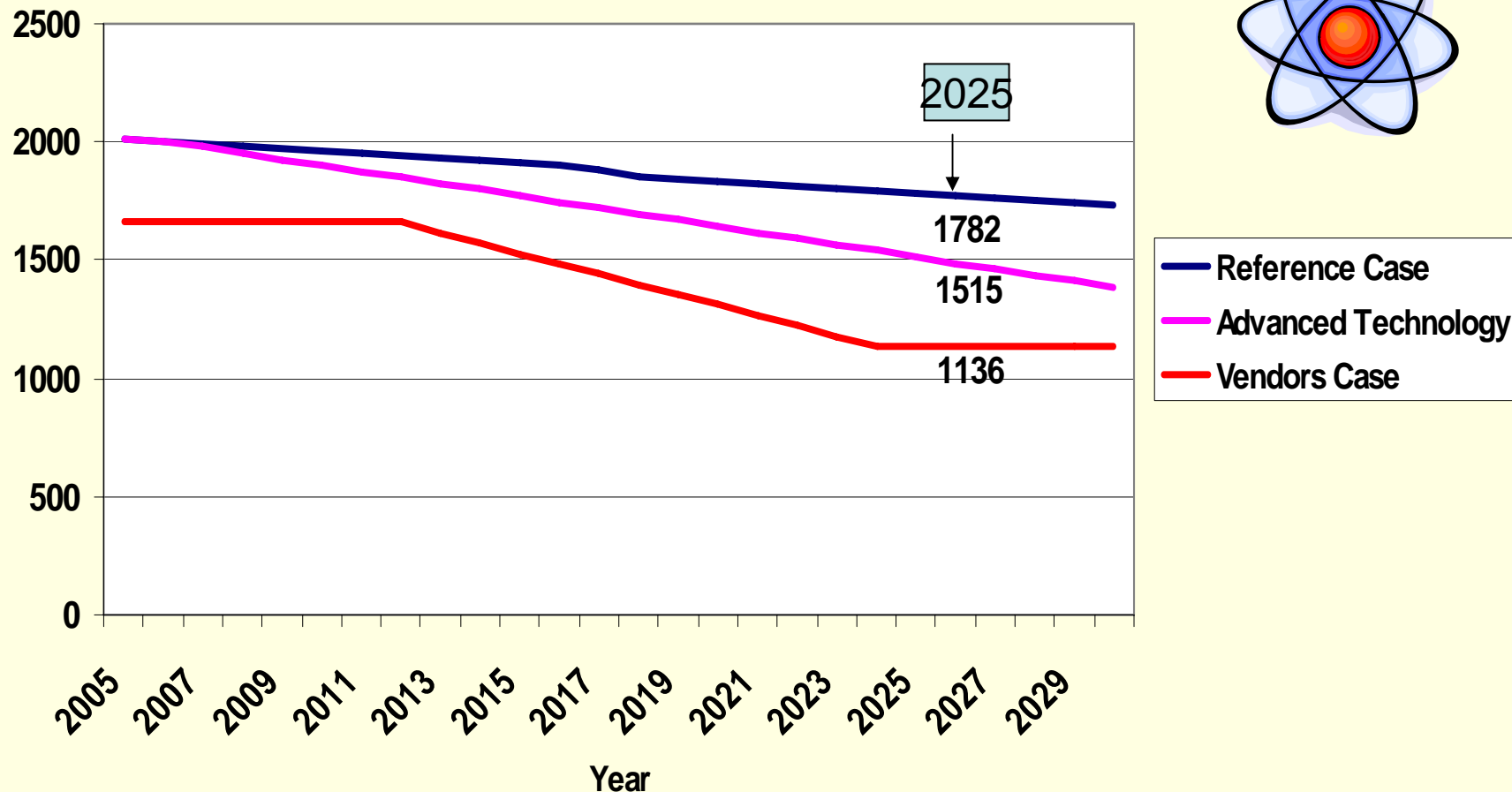
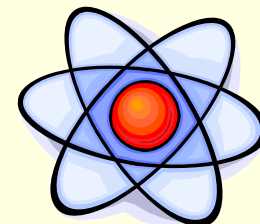
# Nuclear Cost Assumptions

- **Reference Case-** overnight cost is \$2014 (2004 dollars)
- **Advanced Technology-** capital and operating costs are 20 % lower in 2030
- **Vendors Case-** capital cost is 18% lower initially and 34% lower by 2030.

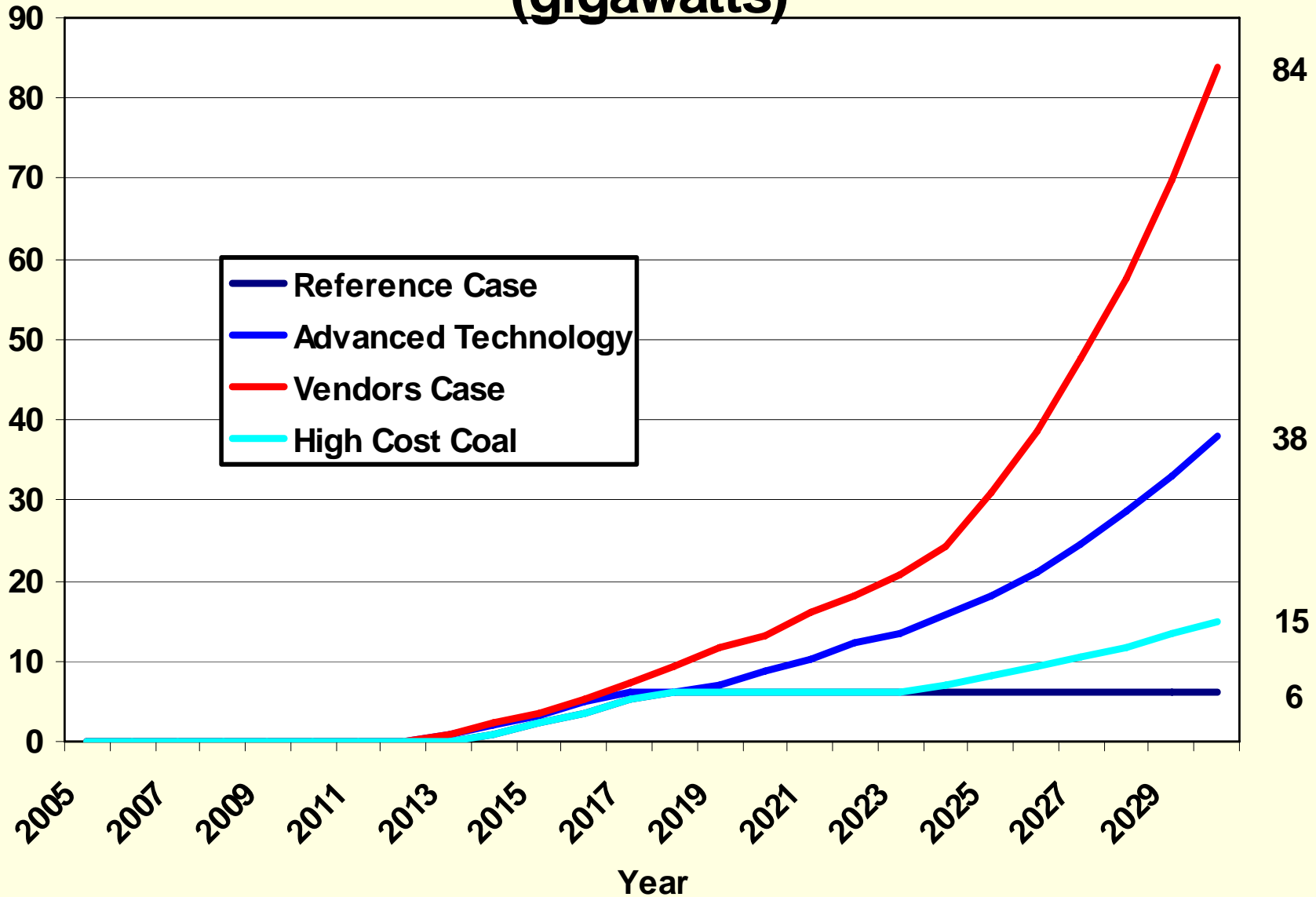


# Nuclear Overnight Cost

(2004\$ per kilowatt)



# Nuclear Capacity Additions (gigawatts)



**What are the prospects for new nuclear plants  
by 2030?**

**6000 megawatts?**

**More than 6000 megawatts?**