Advanced Nuclear Energy for Poland
A Westinghouse Perspective

Mike Waite
Director, New Plant Market Development
The Westinghouse AP1000® Plant
The most advanced technology available

- Only current Generation III+ plant
- Advanced passive safety features
- 72-hour coping period
- Standardized, optimized design

- Proven technology
- Advanced load-follow capability
- Global licensing pedigree
- Multiple operational units
AP1000 Plant – China Success

PLANT STATUS
- Sanmen Unit 1 - in commercial operation
- Sanmen Unit 2 - in commercial operation
- Haiyang Unit 1 - in commercial operation
- Haiyang Unit 2 - in final operation testing

TEST PROGRAM HIGHLIGHTS
- No unplanned trips during first 3 units testing
- 100% load rejection passed the first time
- Load follow test passed the first time
- 5% per minute ramp test passed the first time
- Initial test program planned for 10 months - took only 5 months

“We appreciate very much the outstanding engineering design from Westinghouse”
-SNPTC Chairman Wang

“The AP1000 control systems are amazing. No issues when changing power at 5% per minute.”
-Sanmen Chairman Liu

“The design of the AP1000 is excellent. It is a real generations 3 nuclear plant.”
-Sanmen Chairman Liu
Sanmen Site Progress - Operating at Full Power

Thank you
Dziękuję!
Questions?

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