

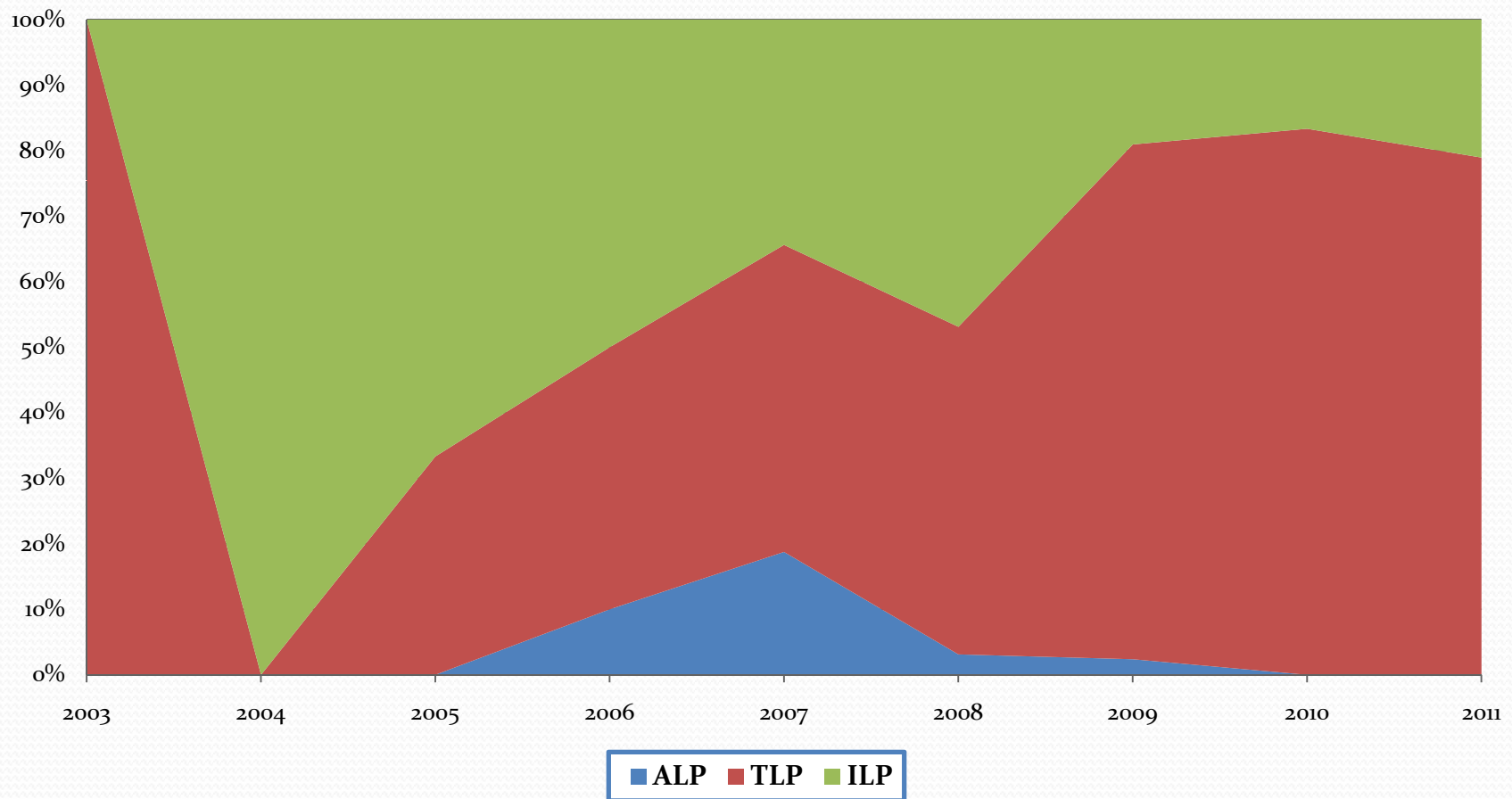
FERC Integrated Licensing Process (ILP)

**Those Who Chose Otherwise and
What the Future Will Bring**

**NHA Conference
April, 2011**

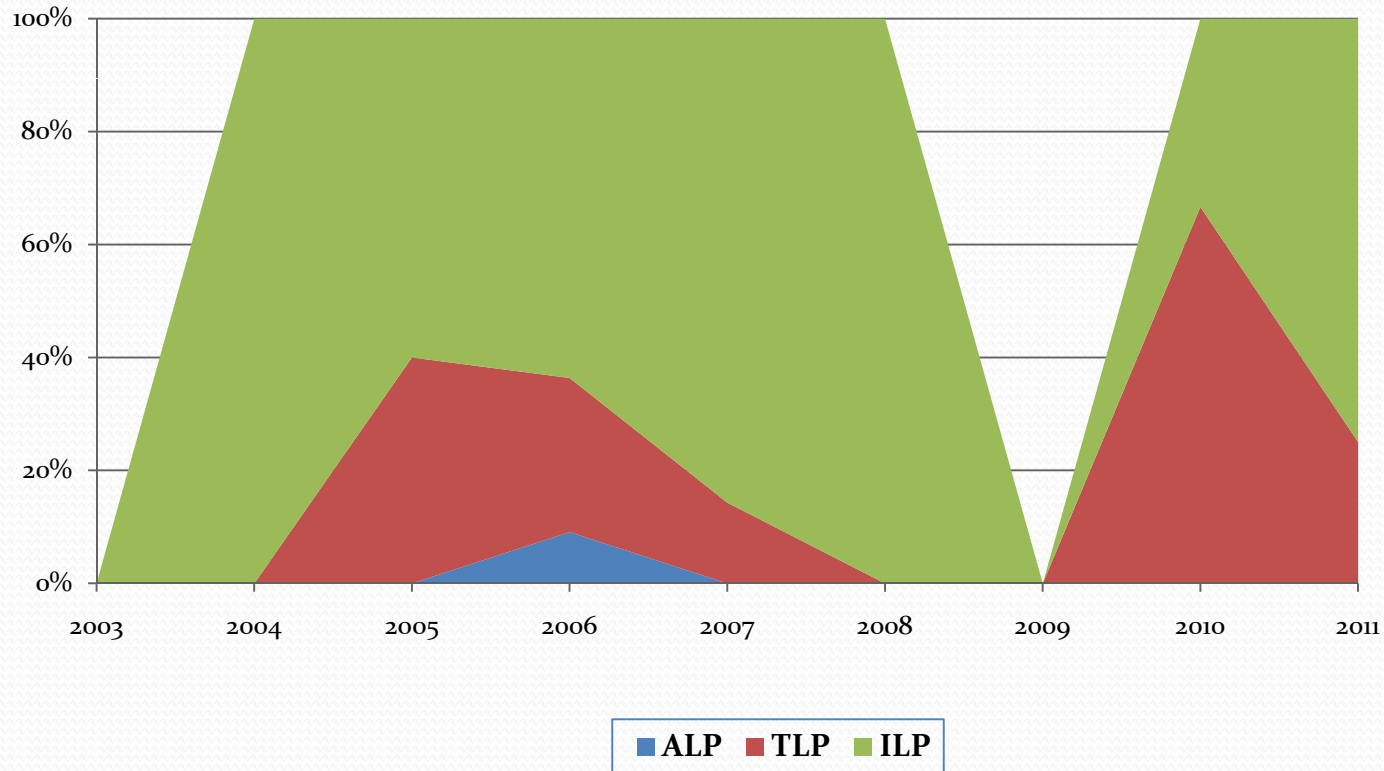
Process Selection 2003-2011

All Projects



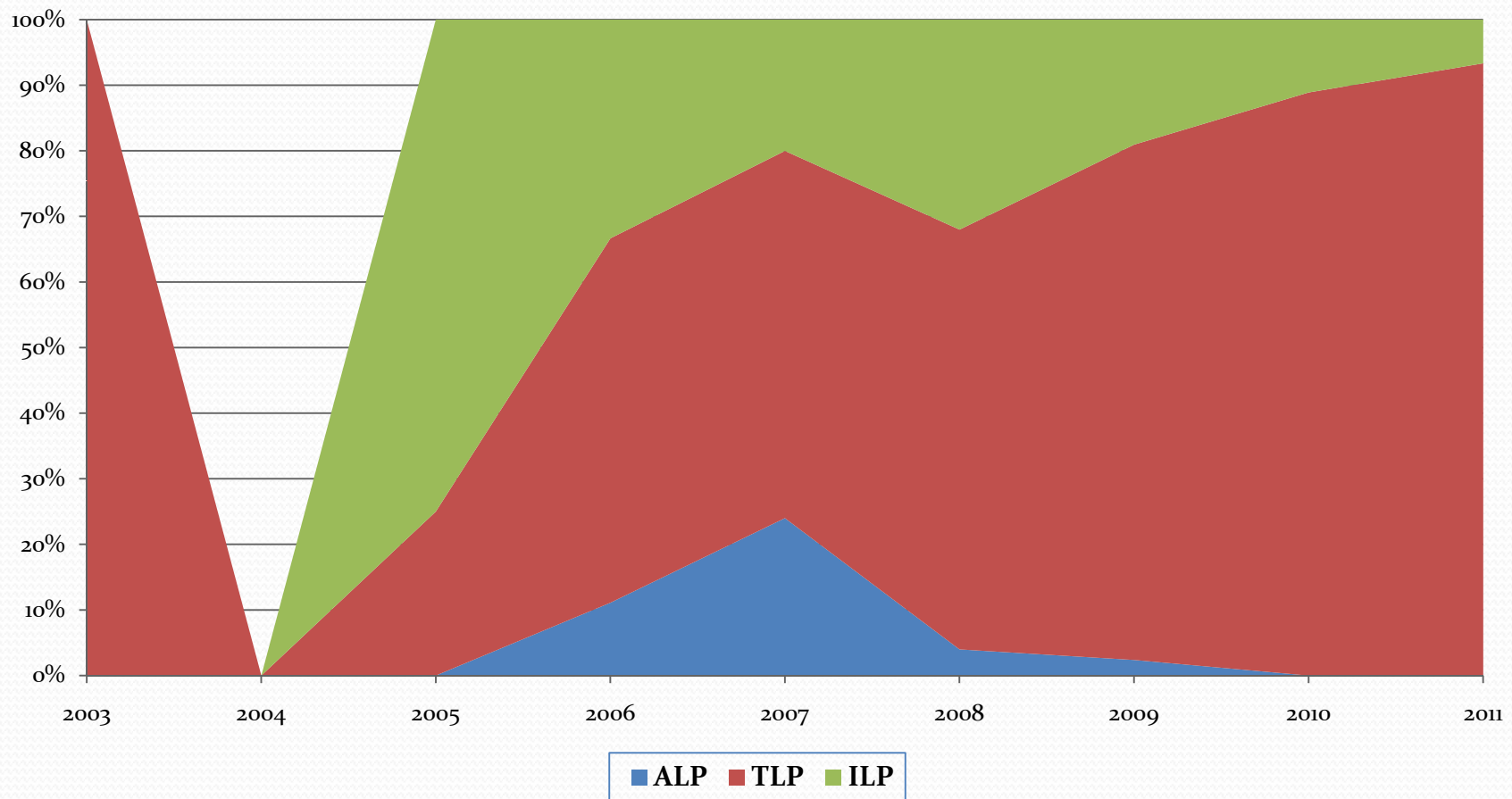
Process Selection 2003-2011

Relicensing Projects



Process Selection 2003-2011

New Development Projects





Reasons Why ILP Not Selected

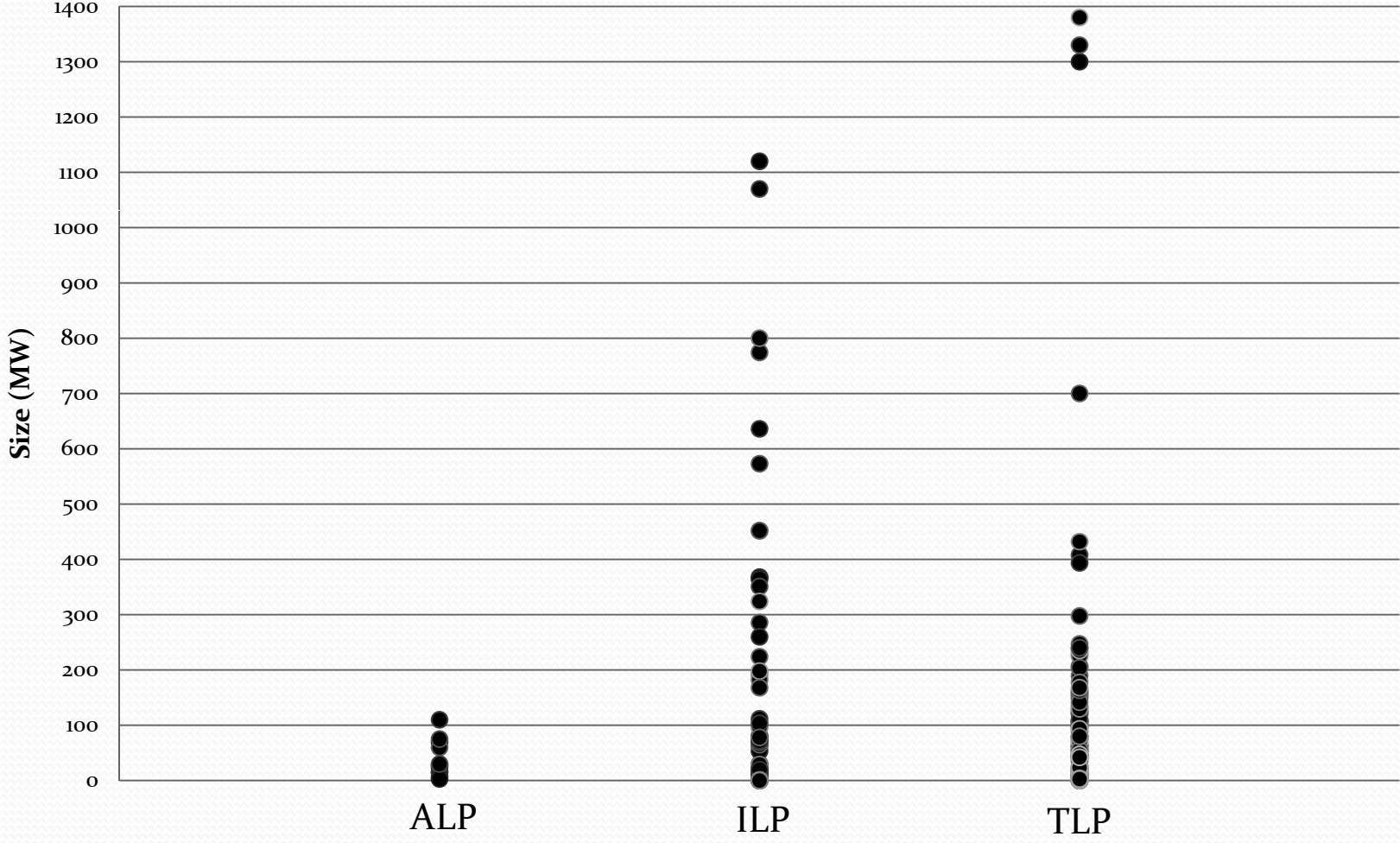
- Lack of complex issues
- Controversy/study disputes not expected
- TLP/ALP more efficient
- TLP/ALP more cost-effective
- Significant information exists
- Stakeholders accustomed to TLP/ALP
- TLP/ALP more flexible
- TLP better when seeking outside funding



Reasons Why ILP Not Selected

- TLP/ALP allows cooperation
- Development at existing dam
- More streamlined schedule
- Unnecessarily expensive and time consuming
- TLP better where only supplemental information is needed
- TLP/ALP better with settlement agreement
- ILP encourages expanded study program

Project Size





Type of Project

	ILP	TLP	ALP
Conventional	39	17	9
Conv./Existing Dam	14	54	2
Pumped Storage	9	6	0
Hydro-Kinetic	9	57	0
Unconventional	2	6	0
Storage Only	1	2	0

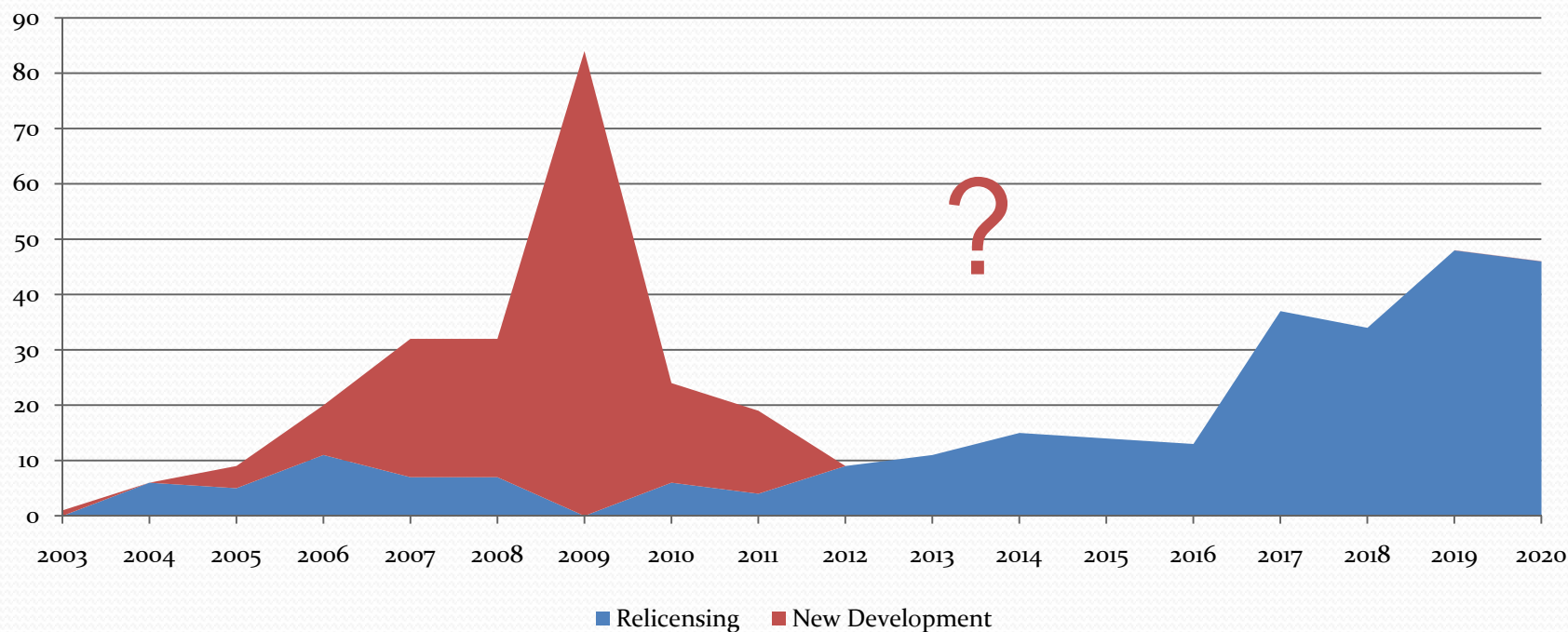


Type of Applicant

- Developers (133)
 - Prefer TLP to ILP almost 6:1
- Utilities (39)
 - Prefer ILP to TLP/ALP 3:1
- Municipal (26)
 - Prefer TLP/ALP to ILP 3:1
- Industrial (11)
 - Prefer ILP to TLP 2:1
- State (4)
 - All ILPs

Future Licensing Trends

Relicensing vs New Development Starts





Upcoming Relicensings

- A few pre-ECPA projects
- Many Class of '93 and later projects
 - Pre-filing consultation
 - Extensively studied
 - NEPA evaluated
 - “Modern” licenses
 - Ongoing data collection obligations



New Development Trends

- Small hydro
 - Conduit, existing dams
- Pumped storage
 - Closed-looped
- Hydrokinetic
 - In-river, wave, tidal
- Conventional



Closing Thoughts

- The next generation of relicensings
 - Need for new studies no longer the focus
 - How best to use available information
- Addressing the needs of new development
 - Licensing time and cost are critical
- Eliminate need to get approval to use TLP/ALP
 - For new development helps with preliminary permit term dilemma
 - Allows relicensing emphasis to shift to meaningful use of existing information



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