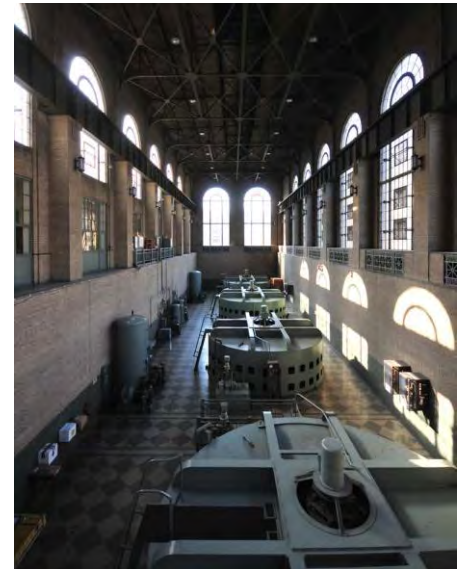


Brookfield Renewable Power Inc.

Brookfield



Hydropower in West Virginia

David Barnhart, General Manager
Mid-America Regional Operations

Third Annual West Virginia Energy Summit
December 8, 2009





Forward Looking Statement

Note: This corporate presentation contains forward looking information within the meaning of Canadian provincial securities laws, and other “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. The words “build”, “increase”, “expend”, “sustain”, and other expressions which are predictions of or indicate future events, trends or prospects and which do not relate to historical matters identify forward-looking statements. Although Brookfield Renewable Power, a wholly owned subsidiary of Brookfield Asset Management (“Brookfield”), believes that the anticipated future achievements expressed or implied by the forward-looking statements and information are based upon reasonable assumptions and expectations, the reader should not place undue reliance on forward-looking statements and information because they involve known and unknown risks, uncertainties and other factors which may cause the actual results or achievements of the company to differ materially from those that are expressed or implied by such forward-looking statements and information. Factors that could cause actual achievements to differ materially from those contemplated or implied by forward-looking statements include: general economic conditions; interest; availability of equity and debt financing; the ability to effectively acquire high quality assets for value and integrate acquisitions into existing operations; continued demand by institutional investors for Brookfield’s asset classes; recognition in the capital markets of Brookfield’s value as an asset manager relative to comparative asset managers; equipment failures, and other risks and factors described from time to time in the documents filed by the company with the securities regulators in Canada and the United States including in the Annual Information Form under the heading “Business Environment and Risks.” The company undertakes no obligation to publicly update or revise any forward-looking statements or information, whether as a result of new information, future events or otherwise.



Brookfield Asset Management | Overview



Brookfield Asset Management

A global asset management company

- ▶ Brookfield Asset Management is an asset management company, focused on property, power and infrastructure assets
- ▶ Approximately US\$80 billion of assets owned and under management
- ▶ Approximately 10,000 employees in the Americas, Europe and Australia



▶ **120 million sq. ft.
office and retail space**



▶ **164 renewable
power plants**



▶ **2.5 million acres
of timberlands**



▶ **11,000 km of
transmission lines**



Brookfield Renewable Power | Overview



Brookfield Renewable Power

Unique power operations focused on renewable energy sources

- ▶ Brookfield Renewable Power is a leading producer and developer of renewable energy in U.S., Canada and Brazil:
 - Hydroelectric
 - Over 3,750 MW operating
 - 450 MW under development
 - Wind
 - 189 MW operating
 - 450 MW under development
 - Transmission
 - 11,000 kilometers operating in Chile, Ontario & Brazil
 - 480 kilometers under development in Texas
- ▶ Over US\$12 billion of assets owned and under management
- ▶ Approximately 1,000 employees in North America and Brazil

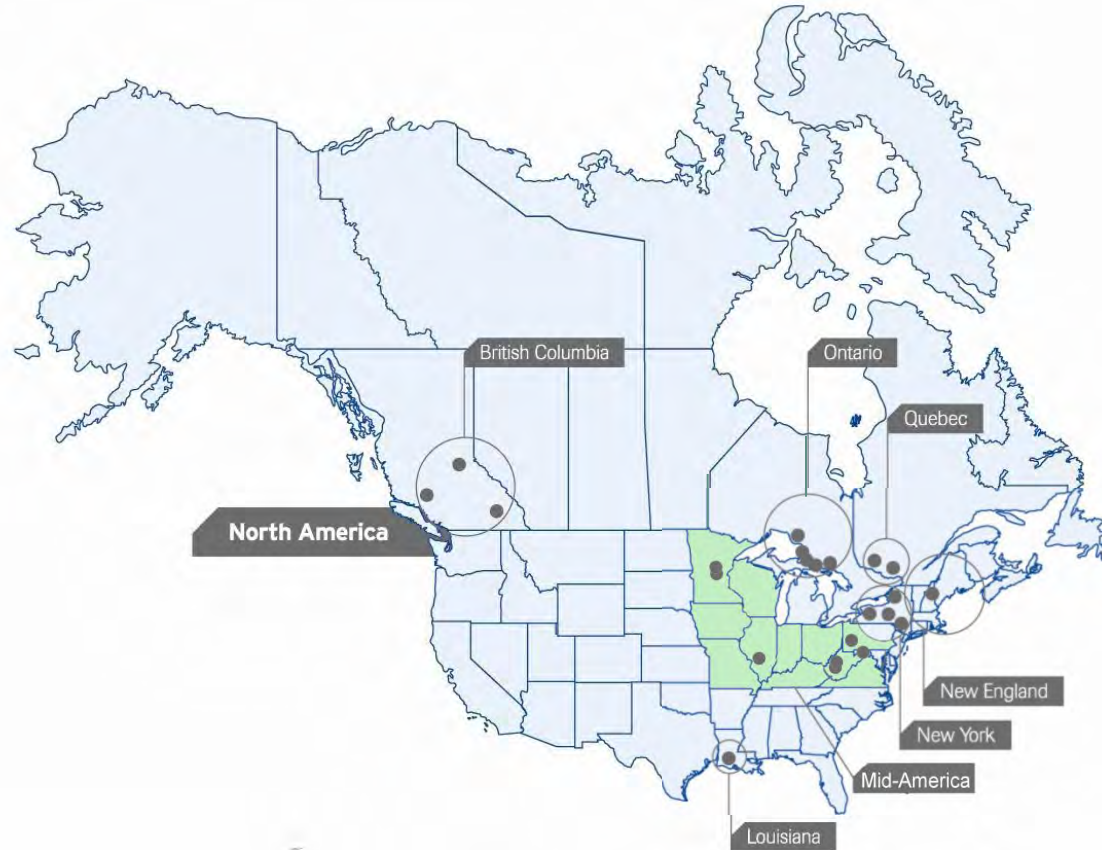




Brookfield Renewable Power

Geographically and Technologically Diverse Operations

Development, Construction and Operating Experience



U.S. Snapshot

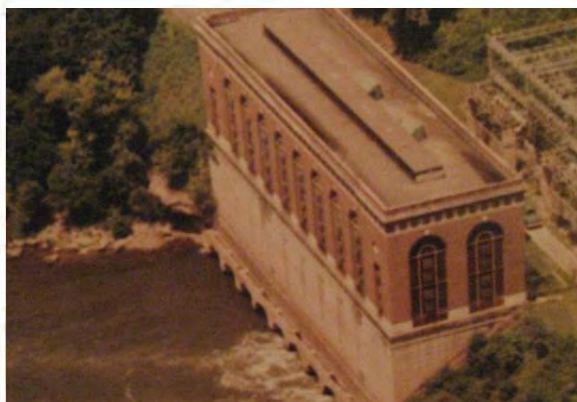
	Technology	MW
California	Wind	100
Illinois	Hydro	75
Louisiana	Hydro	192
Maine	Hydro	186
Maryland	Hydro	20
Massachusetts	Hydro	610
Minnesota	Hydro	28
New Hampshire	Hydro	45
New York	Hydro	702
	Thermal/Biodiesel	105
Pennsylvania	Hydro	28
Texas	Transmission	n/a
West Virginia	Hydro	102



Brookfield's West Virginia Portfolio

Proven Growth Track Record

Power Generation



- ▶ Hawks Nest hydroelectric station
- ▶ 102 MW

Commercial Properties*



- ▶ Chase Tower, Charleston
- ▶ 229 West Main Street, Clarksburg
- ▶ 1000 Fifth Avenue, Huntington
- ▶ 1114 Market Street, Wheeling
- ▶ Total sq. ft = 554,000

*Acquired by Brookfield's Real Estate Opportunity Fund

Profile of Brookfield's West Virginia Hydropower



Plant Equipment Data

Units:	4
Turbine type:	Francis
Output per unit (MW):	25.5MW

Operating Statistics

Type:	Hydroelectric
Generating stations:	1
Number of generating units:	4
Total installed capacity:	102 MW
Average annual energy:	513 GWh

- Located on the New River in West Virginia.

Manufacturers

Turbine:	I.P. Morris
Generator:	Westinghouse

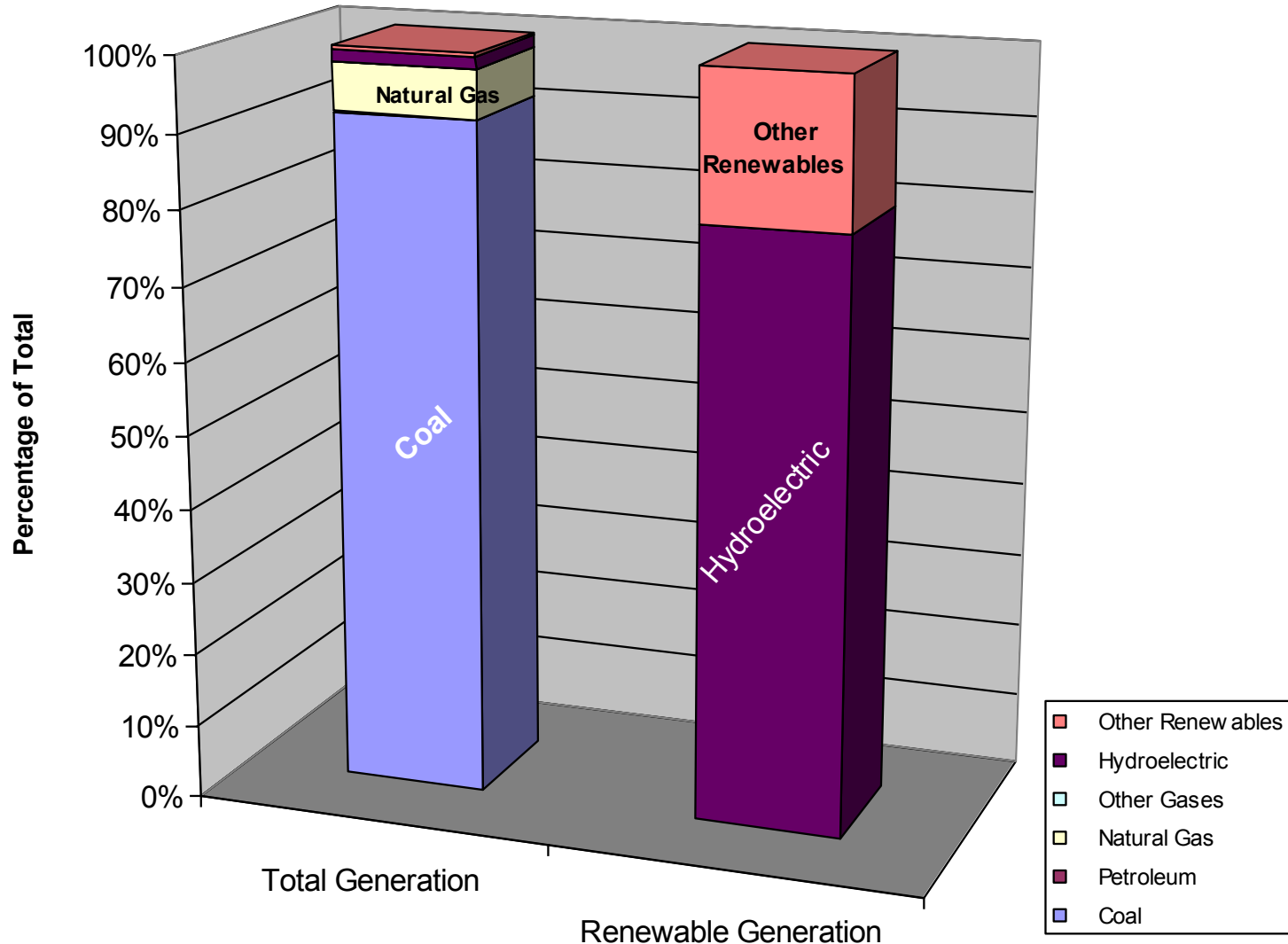


Hydropower in West Virginia



Hydropower is the Backbone of West Virginia's Renewable Generation

- ▶ **264 MW Installed**
- ▶ **13 FERC-licensed facilities totaling 485 MW**
- ▶ **Located on 7 rivers**
- ▶ **Sizes range from 2 – 107 MW**
- ▶ **Hydropower makes up 80% of total installed renewables in West Virginia**



Hydropower Potential in West Virginia

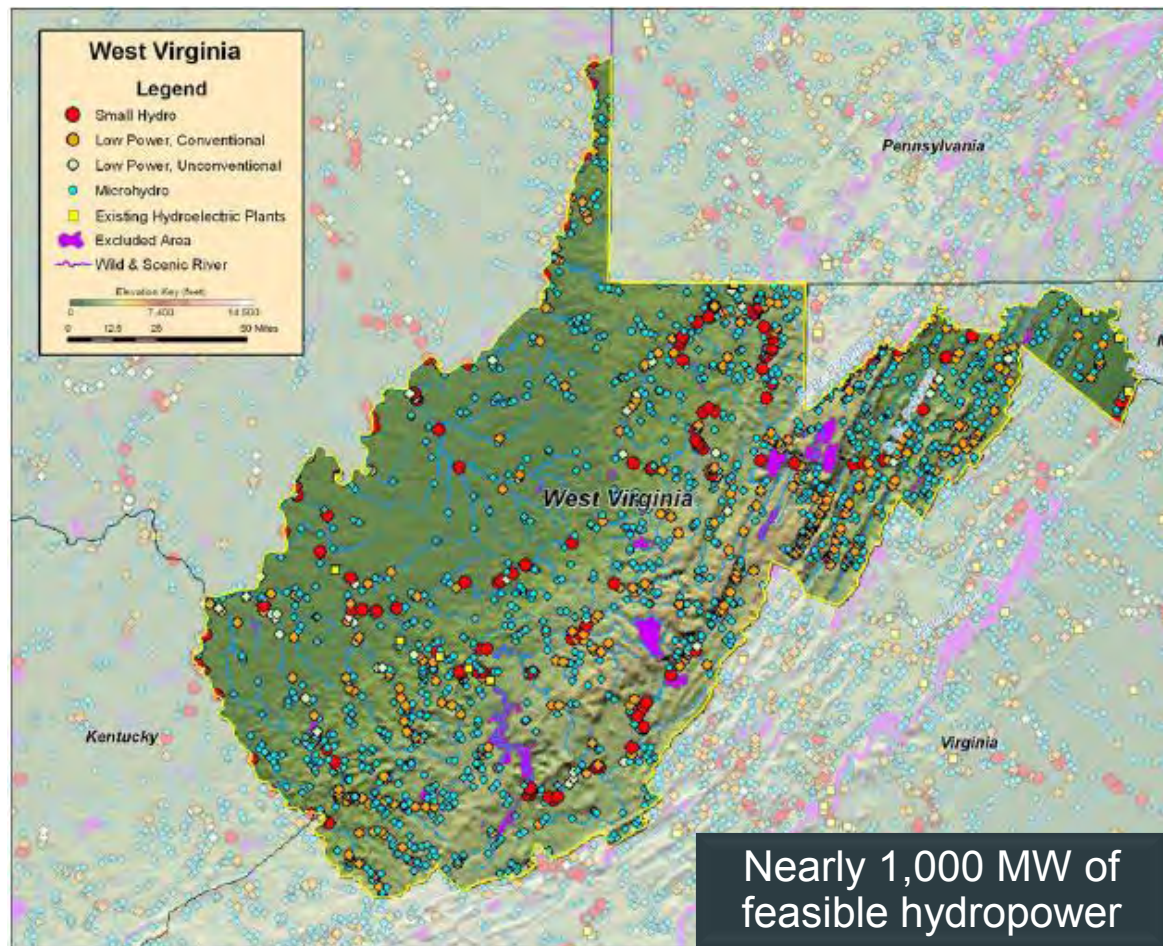
- ▶ Recent federal studies show potential for growth

- ▶ **2006 Feasibility Assessment conducted by Idaho National Lab:**

- Nearly 1,000 MW of feasible hydropower potential

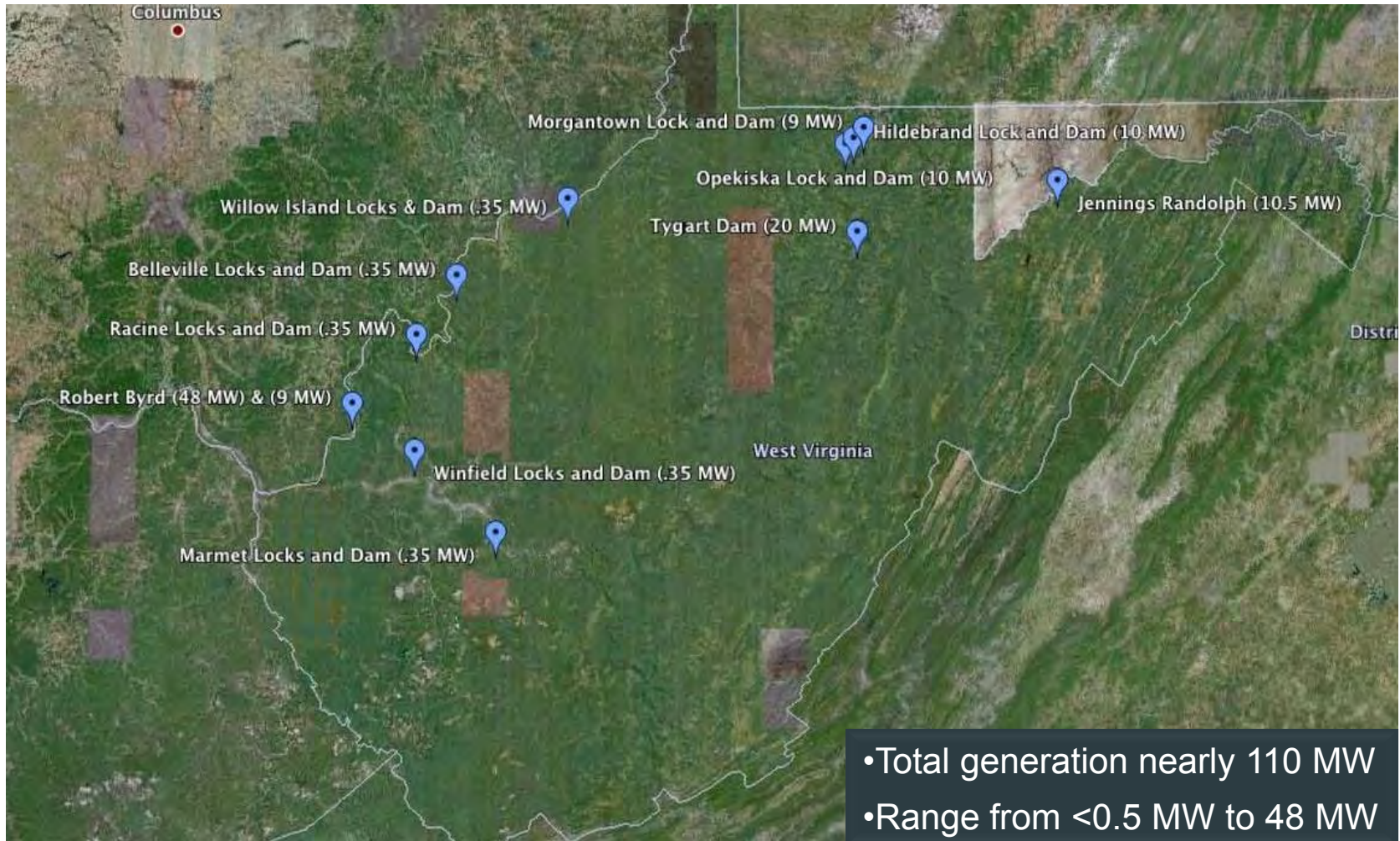
- ▶ **May 2007 Study of Potential Hydroelectric Development at Existing Federal Facilities:**

- 14 West Virginia sites evaluated
- 260 MW of hydropower potential identified



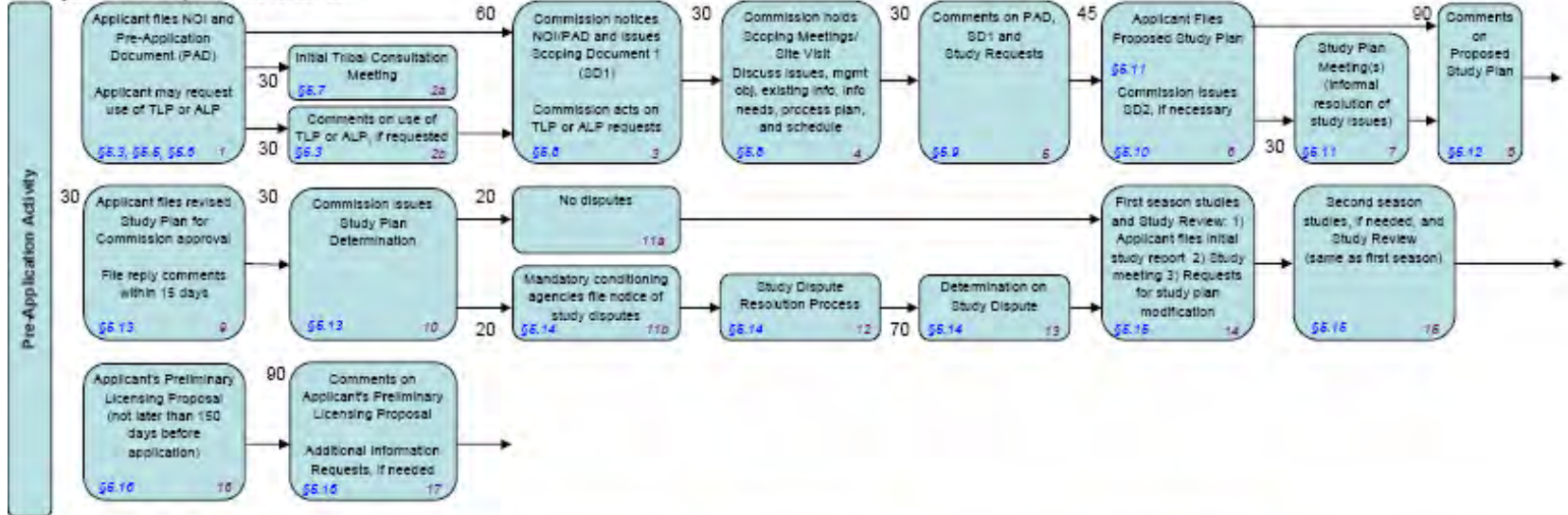
Preliminary Permits

- ▶ 12 potential projects currently hold preliminary permits

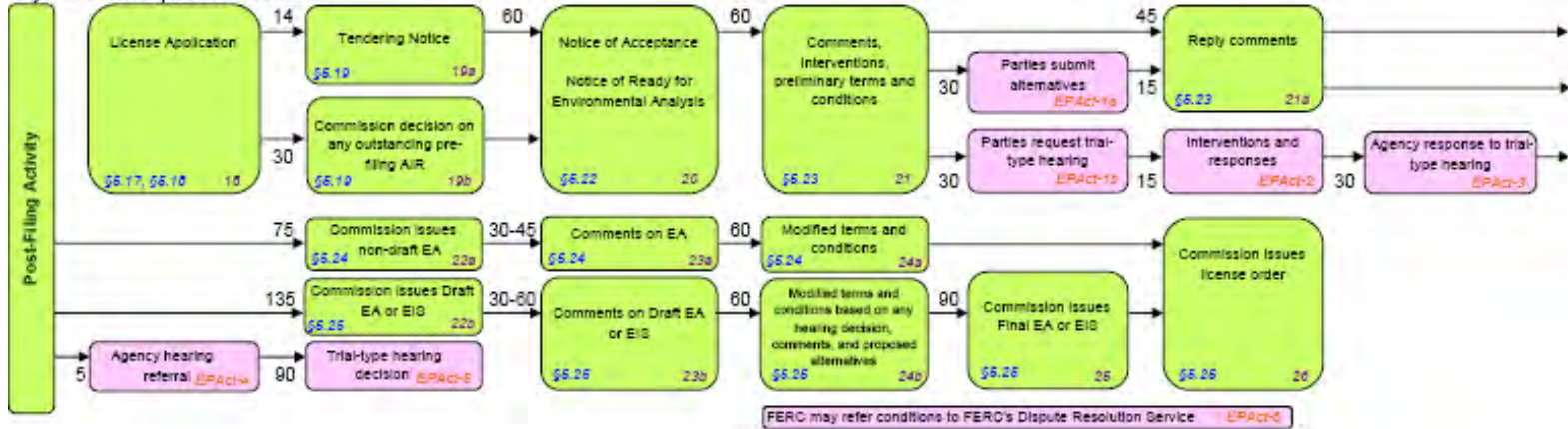


The FERC License Process

5.5-5 years before expiration for relicense



2 years before expiration for relicense





FERC Preliminary Permits

- ▶ Issued for up to three years;
- ▶ Does not authorize construction;
- ▶ But does maintain priority of application for license (i.e., guaranteed first-to-file status) while the permittee studies the site and prepares to apply for a license.
- ▶ The permittee must submit periodic reports on the status of its studies.
- ▶ It is not necessary to obtain a permit in order to apply for or receive a license.



Integrated Licensing Process (ILP)

- ▶ Default Process as of 2005
- ▶ Applicant Files Pre-application Document (PAD) with Notice of Intent to File License Application
 - PAD brings together all existing, relevant, and reasonably available information about the project and its effects on resources; and
- ▶ FERC Conducts Scoping
 - The purposes of scoping is to identify and refine issues, discuss existing information, explore information gaps, and finalize the process plan; and
 - Stakeholders discuss the issues and provide study requests.
- ▶ Applicant Files Proposed Study Plan
 - Applicant holds a meeting(s) to discuss the proposed study plan and informally resolve study disagreements;
 - Applicant conducts the studies as approved;
- ▶ Applicant files preliminary licensing proposal with the Commission, agencies, and public for comment;
- ▶ Applicant files final license application with the Commission and provides copies to agencies, tribes, and the public; and
- ▶ After the application is filed, the Commission has defined time frames to prepare and issue its environmental analysis pursuant to National Environmental Policy Act.



Beyond the License - Other components of hydropower development:

- Power offtake agreement sufficient to cover large capital investment;
 - Drivers: QF, RPS
- Economic incentives
 - Federal Production Tax Credits & Accelerated Depreciation
- Hydrological data and projections
- Open and ongoing stakeholder relationships



Thank You