
Assistant Secretary Indian Affairs:
Office of Indian Energy and Economic Development:
**Division of Energy and Mineral
Development**

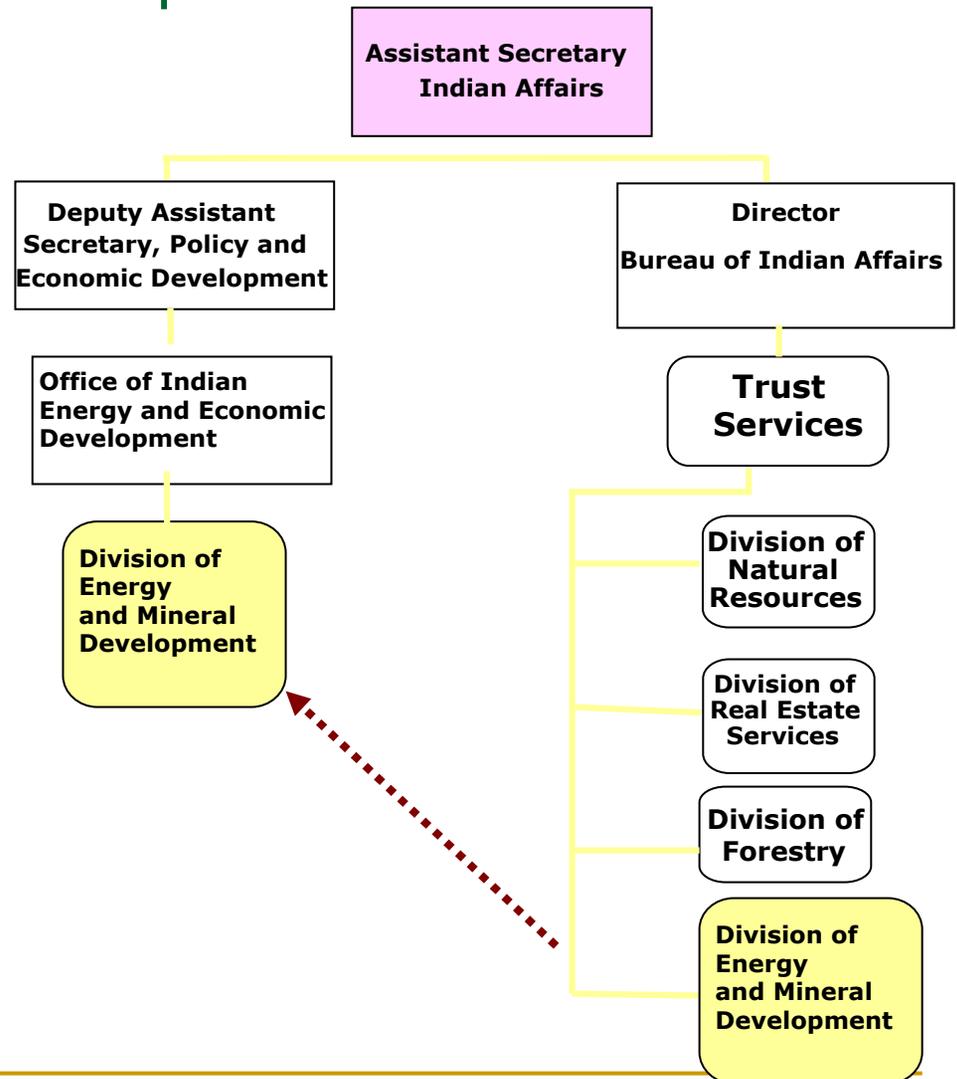
How DEMD can assist with renewable
energy projects on Tribal lands



Reassignment of the Division to the Office of Indian Energy and Economic Development

Prior to April 14, 2005 the Division was under the Office of Trust Services.

The Division now reports to a newly formed office – The Office of Indian Energy and Economic Development



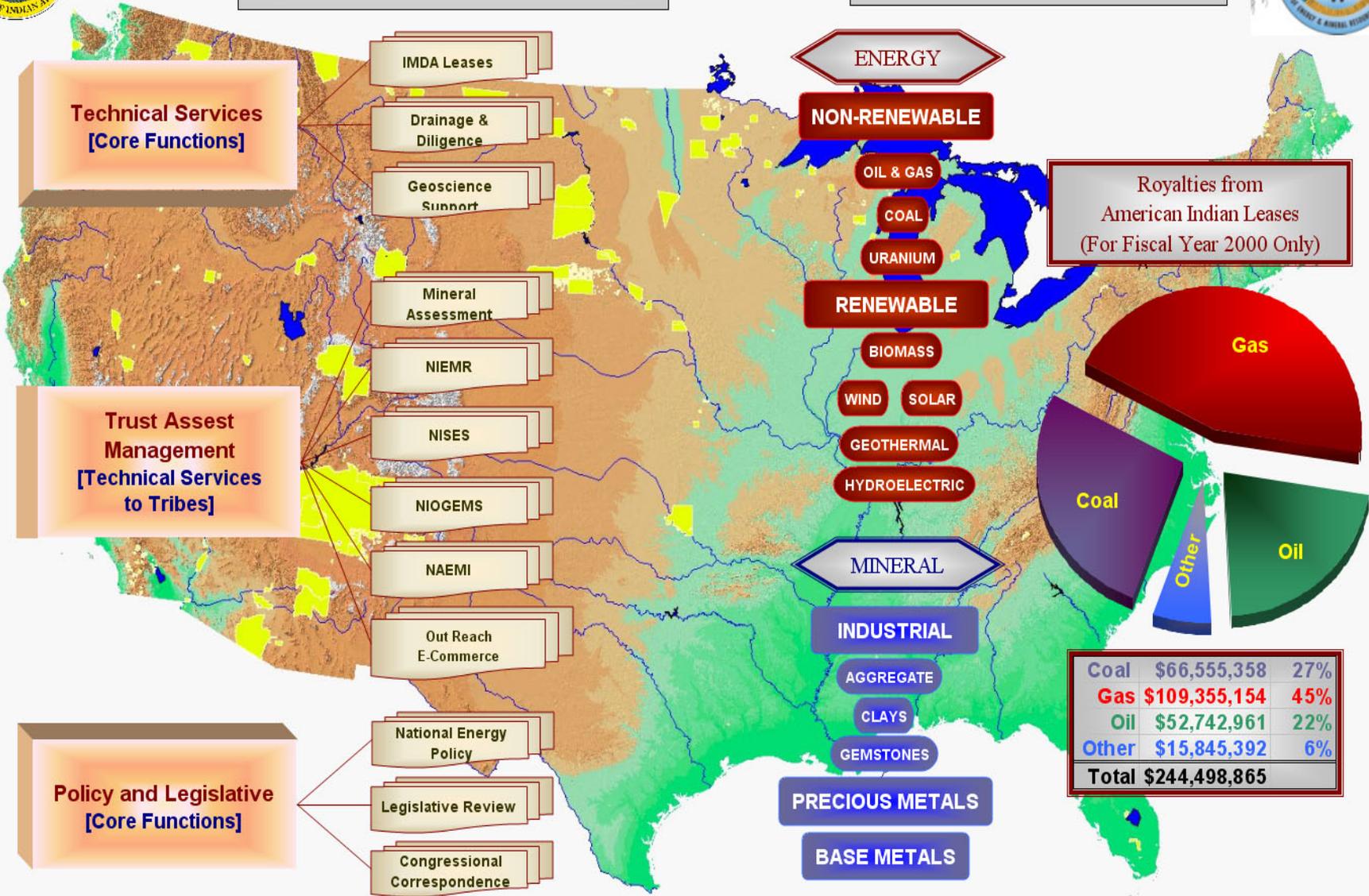
The Division of Energy and Mineral Development (DEMD) is responsible for:

- ❑ Developing effective energy and mineral development strategies.
 - ❑ Providing the best possible technical, engineering and economic advice to Indian landowners seeking to manage and develop their energy and mineral resources
 - ❑ Managing Indian energy and mineral data
 - ❑ Provide expert technical advice to the Indian mineral owners with IMDA agreements, commercial leases, right of way agreements
 - Increased interest in wind leases
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Division of Energy and Mineral Resources Management
PROGRAM FUNCTIONS

Department of the Interior
Bureau of Indian Affairs
Office of Trust Responsibilities



Services available through our Division to assist with renewable energy projects:

- **Regional Resource Assessments**

1. Wind
2. Biomass
3. Solar
4. Hydro

- **System Scale Assessment**

1. Stand Alone vs. Commercial

- **Economic Comparisons**

1. Conventional vs. Renewable, Renewable only
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DEMD Services cont:

- Review of available technology
- Due diligence on companies approaching tribes
- Guidance with technology selection
- Assistance with:
 1. Business Leases*
 2. Transmission Studies*
 3. Market Studies*

* if commercial scale resources are proven

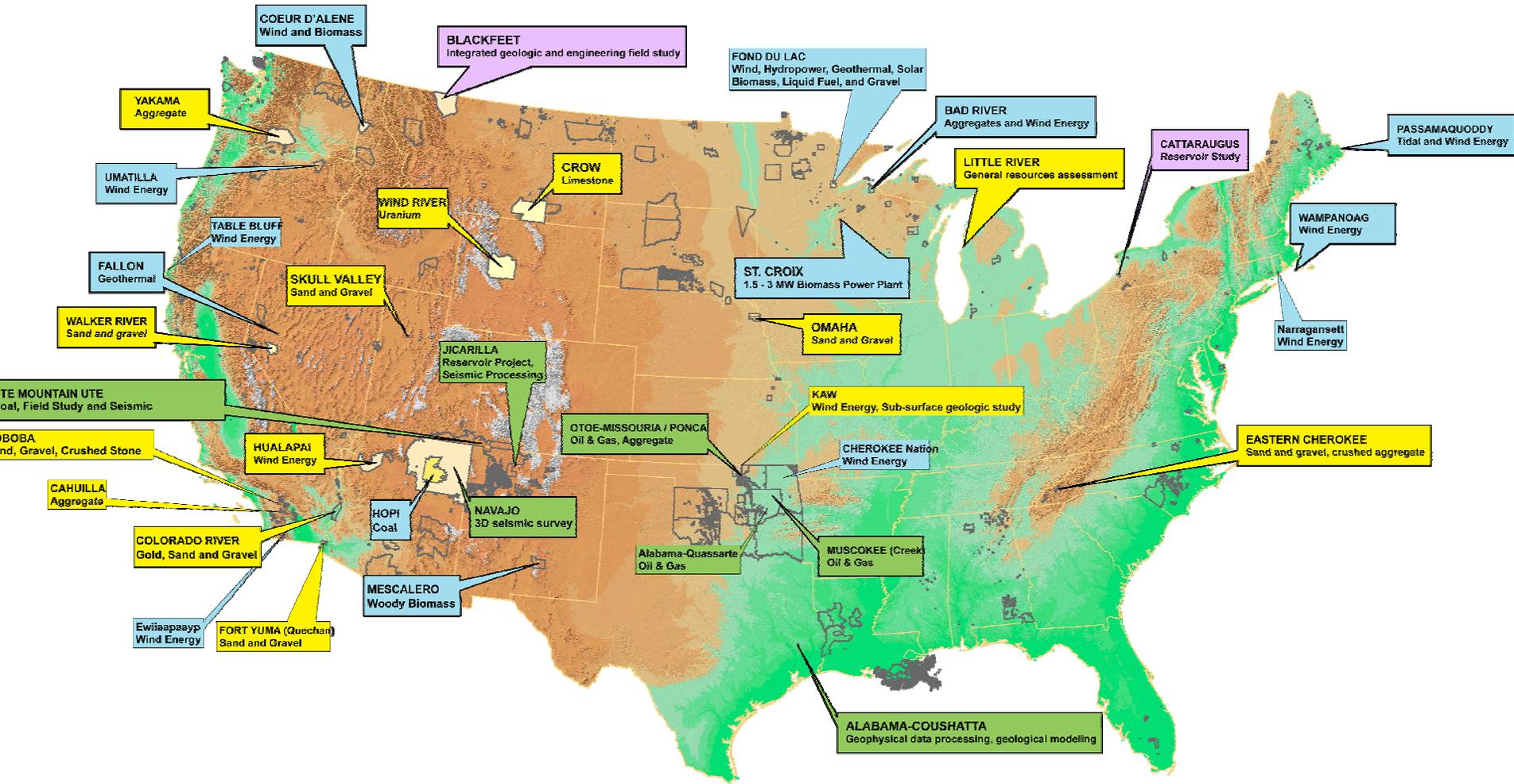
Energy and Mineral Development Program



EMDP Program

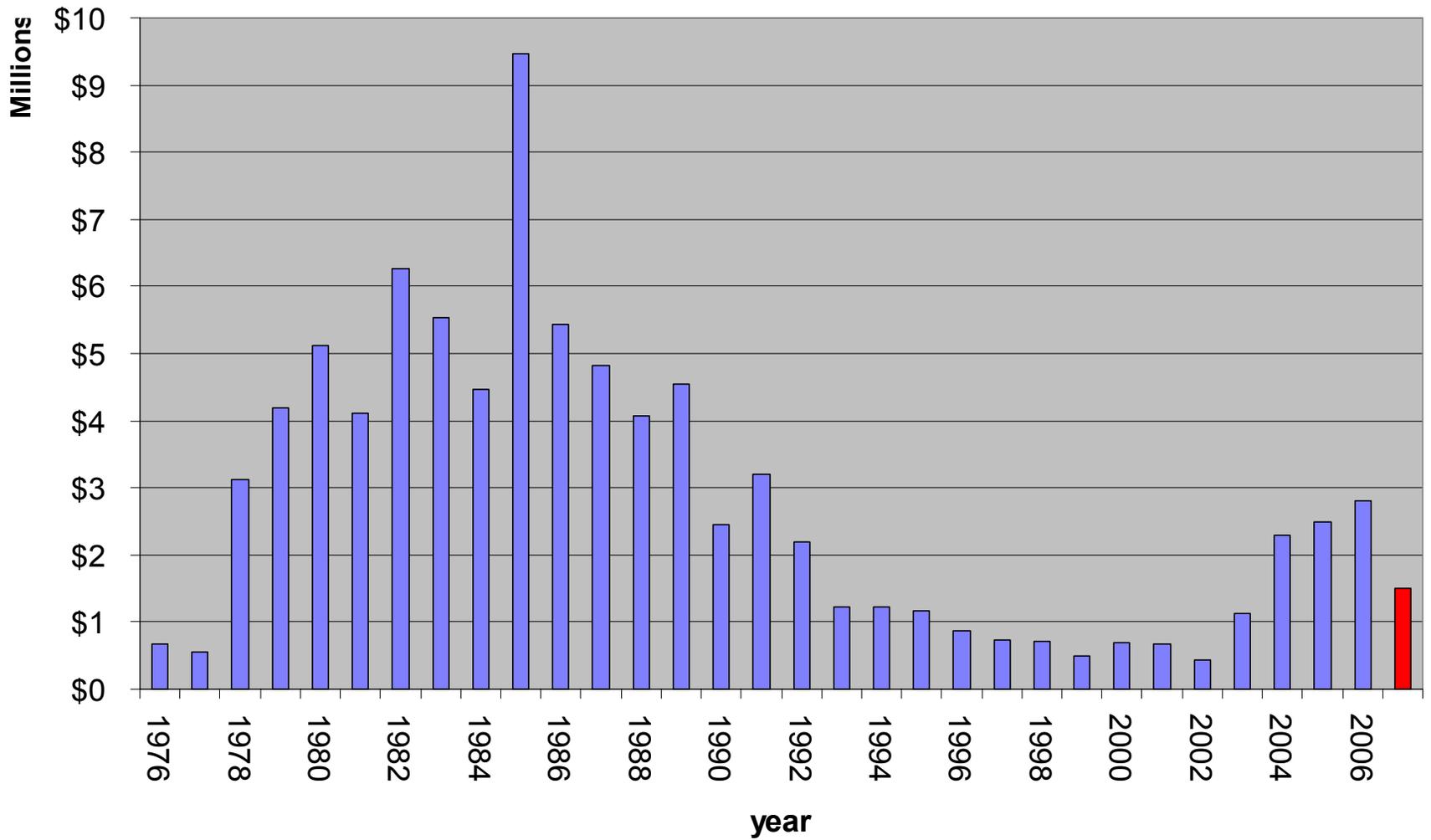
- Provide economic evaluations of energy and mineral resources to Indian mineral owners as requested
 - Provide studies on the current and projected energy and mineral market conditions
 - Provide expert technical advice in geology, mining engineering, renewable energy resource assessments, design and engineering, petroleum engineering, and geophysics to Indian mineral owners
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2006 ENERGY AND MINERAL DEVELOPMENT PROJECTS



■ Minerals
 ■ Oil & Gas
 ■ Renewable Energy
 ■ Other

Mineral Assessment Funding History

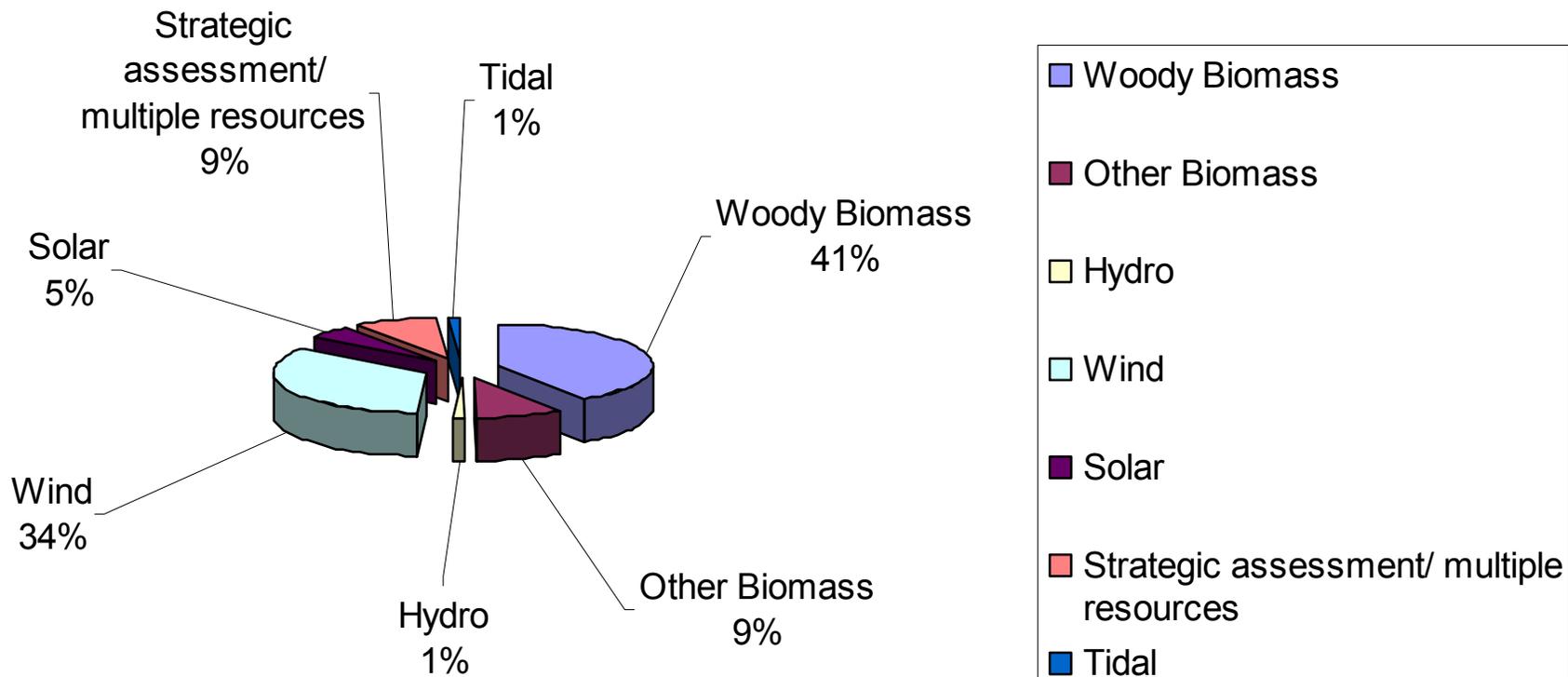


Oklahoma Tribes Receiving Funds (FY 2005-2007)

- Cherokee Nation – wind
- Kaw Nation – wind
- Otoe-Missouria – wind, biomass
- FY 2007 – 6 projects for \$750,000

	2004	2005	2006	2007	Total
Woody Biomass	\$ 262,575	\$ 567,004	\$ 306,720	\$ 590,500	\$ 1,726,799
Other Biomass	\$ 336,075	\$ 60,431			\$ 396,506
Hydro	\$ 50,000				\$ 50,000
Wind	\$ 174,116	\$ 549,124	\$ 579,789	\$ 160,000	\$ 1,463,029
Solar	\$ 100,000	\$ 98,970			\$ 198,970
Strategic assessment/ multiple resources	\$ 119,500	\$ 108,135	\$ 144,595		\$ 372,230
Tidal			\$ 55,000		\$ 55,000
Total	\$ 1,042,266	\$ 1,383,664	\$ 1,086,104	\$ 750,500	\$ 4,262,534

Total Funding By Resource 2004-2007



FY 2008 EMDP Applications

- RFP will be released in Fall 2007
 - Mailed to Tribal Chairman
 - Distributed via internet by DOE Tribal Energy Program (Lizana Pierce email list)
 - Funds are awarded directly to the Tribes
 - Tribes can select their consultant in any manner they choose
 - Consultants must be technically qualified
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EMDP Guidelines

- Major emphasis on jobs and economic development potential –
 - describe the Tribe's goals and objectives clearly
 - where do you want to be in 5 years?
 - Must have a Tribal Council Resolution
 - Can not fund tribal salaries of tribal staff
 - Can fund soft money employees
 - Cost-sharing helps but not required
 - We review with DOE TEP
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Contact at the Division of Energy and Mineral Development:

- Scott Haase
Renewable Energy Engineer
720-407-0667
- Robert Anderson
EMDP Coordinator
303-969-5270

