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-
- **Research**
- **Partnership to**
- **Secure Energy**
- **for America**
-

**Member Meeting
2007 Program
Robert W. Siegfried
February 19, 2008
Houston, TX**

Unconventional Onshore Themes - 2007

- **Gas Shales**
 - Rock properties/Formation Evaluation
 - Fluid flow and storage
 - Stimulation
 - Water management
- **Coalbed Methane**
 - Produced water management
- **Tight Sands**
 - Natural fractures
 - Sweet spots
 - Formation Evaluation
 - Wellbore-reservoir connectivity
 - Surface footprint

**Cost Reduction in
All Aspects of
Operations**



2007 Onshore Solicitation Timeline

- **Solicitations issued October 17, 2007**
- **Proposals due December 3, 2007**
- **Proposal review process began in early December**
 - OCI disclosure
 - Distribution of proposals
 - Target date for reviews January 8, 2008
- **Small Producer Regional Advisory Committee (RAG) selection meeting January 11, 2008.**
- **Unconventional Onshore Program Advisory Committee (PAC) selection meeting January 23, 2008.**

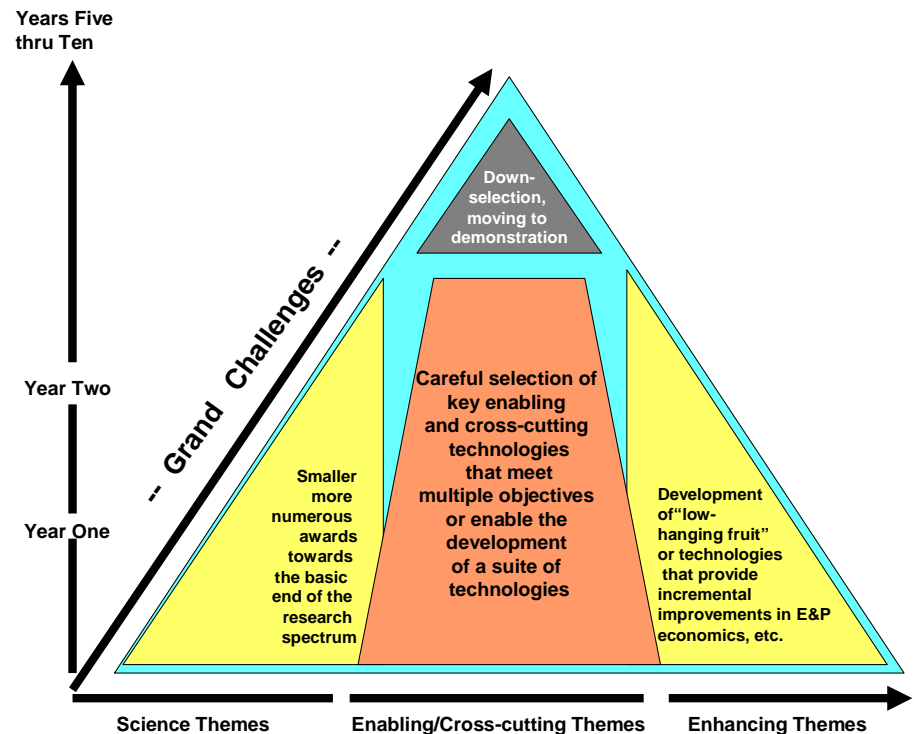


Project Review and Selection Support

- **Small Producer Program Element**
 - 8 RAG members
 - Each of 13 proposals reviewed by 4 members
 - 52 total reviews
- **Unconventional Onshore Program Element**
 - 16 PAC members
 - 64 TAC volunteers
 - 23 TAC members reviewed 47 proposals
 - 110 total reviews

Onshore Review and Selection

- **Technical Reviews**
 - Grouped proposals by topic
 - Each group of 4 to 6 proposals given to a generally common set of reviewers
- **Selection Meetings (PAC and RAG)**
 - Set overall program priorities
 - Selected proposals for funding
 - Technical Reviews
 - Program priorities
 - Budget constraints
 - Potential contribution to an integrated, balanced program



Onshore Program

	Unconventional		Small Producer	
	<i>Submitted</i>	<i>Selected*</i>	<i>Submitted</i>	<i>Selected*</i>
Total Cost (\$MM)	\$102.0	\$34.3	\$12.6	\$6.0
RPSEA Share (\$MM)	\$49.5	\$19.6	\$6.3	\$3.2
Number of Proposals	47	19	13	7
University	25	13	7	6
Research Institution	2	1		
National Lab	3	2	2	1
Industry	13	1	3	
State Organization	4	2	1	

*Selections subject to approval and negotiation

Onshore Program Distribution

Resource	Unconventional		Small Producer	
	<i>Submitted</i>	<i>Selected</i>	<i>Submitted</i>	<i>Selected</i>
Existing	30	11	13	7
Emerging	13	6	*	*
Frontier	4	2	*	*
CBM	17	5	**	**
Shale	28	10	**	**
Tight Gas	25	12	**	**
Time Scale				
Enhancing (Near term)	19	8	6	3
Enabling (Mid term)	14	4	4	3
Science (Longer term)	14	7	3	1

* Advancing Technology for Mature Fields

** Resource focus areas for unconventional program

Questions?

