

**COMMITTEE ON NATURAL RESOURCES**  
**113<sup>th</sup> Congress Disclosure Form**  
**As required by and provided for in House Rule XI, clause 2(g) and**  
**the Rules of the Committee on Natural Resources**

Oversight Hearing on *“America’s Helium Supply: Options for Producing more Helium from Federal Lands.”*

July 11, 2013

For Individuals:

1. Name:
  
2. Address:
  
3. Email Address:
  
4. Phone Number:

\* \* \* \* \*

For Witnesses Representing Organizations:

1. Name: Ramesh R Bhave
  
2. Name of Organization(s) You are Representing at the Hearing:  
Oak Ridge National Laboratory
  
3. Business Address:  
[Information redacted for privacy]
  
4. Business Email Address:  
[Information redacted for privacy]
  
5. Business Phone Number:  
[Information redacted for privacy]

## For all Witnesses

**Name/Organization:** Ramesh R. Bhave / Oak Ridge National Laboratory

**Title/Date of Hearing:** Oversight Hearing on “America’s Helium Supply: Options for Producing more Helium from Federal Lands.” / July 11, 2013

a. Any training or educational certificates, diplomas or degrees or other educational experiences that are relevant to your qualifications to testify on or knowledge of the subject matter of the hearing.

B. S. Chemical Engineering (University of Bombay, 1975) and Ph.D. Chemical Engineering (University of Bombay, 1980).

b. Any professional licenses, certifications, or affiliations held that are relevant to your qualifications to testify on or knowledge of the subject matter of the hearing.

Not applicable.

c. Any employment, occupation, ownership in a firm or business, or work-related experiences that relate to your qualifications to testify on or knowledge of the subject matter of the hearing.

Director, Inorganic Membrane Technology Laboratory, since April 2008.

Since 2010, ORNL is working on a research project that is focused on the development of membranes for selective enrichment of helium from marginal sources. The goal of this research is to allow the use of marginal sources to produce high purity helium through the development of a hybrid process combining membrane technology with conventional established helium purification process technology. We are working with a small business partner through subcontract award resulting from DOE-STTR Phase 1 and Phase 2 awards.

d. Any federal grants or contracts (including subgrants or subcontracts) from the *Department of the Interior (and/or other agencies invited)* that you have received in the current year and previous four years, including the source and the amount of each grant or contract.

This information is provided in the section below on Witnesses Representing Organizations.

e. A list of all lawsuits or petitions filed by you against the federal government in the current year and the previous four years, giving the name of the lawsuit or petition, the subject matter of the lawsuit or petition, and the federal statutes under which the lawsuits or petitions were filed.

None

f. A list of all federal lawsuits filed against you by the federal government in the current year and the previous four years, giving the name of the lawsuit, the subject matter of the lawsuit, and the federal statutes under which the lawsuits were filed.

None

g. Any other information you wish to convey that might aid the Members of the Committee to better understand the context of your testimony.

## Witnesses Representing Organizations

**Name/Organization:** Ramesh R. Bhawe / Oak Ridge National Laboratory

**Title/Date of Hearing:** Oversight Hearing on “America’s Helium Supply: Options for Producing more Helium from Federal Lands.” / July 11, 2013

h. Any offices, elected positions, or representational capacity held in the organization(s) on whose behalf you are testifying.

Not applicable

i. Any federal grants or contracts (including subgrants or subcontracts) from the *Department of the Interior (and /or other agencies invited)* that were received in the current year and previous four years by the organization(s) you represent at this hearing, including the source and amount of each grant or contract for each of the organization(s).

DOE-STTR Phase 1, awarded to Helios-NRG (DE-SC0005004), award value, \$98,866, ORNL subcontract value \$43,000, period of performance, 8/26/2010 to 9/30/2011.

DOE-STTR Phase 2, awarded to Helios-NRG (DE-SC0005004), award value, \$749,524, ORNL subcontract value \$300,000, period of performance, 10/18/2010 to 10/18/2013.

j. A list of all lawsuits or petitions filed by the organization(s) you represent at the hearing against the federal government in the current year and the previous four years, giving the name of the lawsuit or petition, the subject matter of the lawsuit or petition, and the federal statutes under which the lawsuits or petitions were filed for each of the organization(s).

None

k. A list of all federal lawsuits filed against the organization(s) you represent at the hearing by the federal government in the current year and the previous four years, giving the name of the lawsuit, the subject matter of the lawsuit, and the federal statutes under which the lawsuits were filed.

None

l. For tax-exempt organizations and non-profit organizations, copies of the three most recent public IRS Form 990s (including Form 990-PF, Form 990-N, and Form 990-EZ) for each of the organization(s) you represent at the hearing (not including any contributor names and addresses or any information withheld from public inspection by the Secretary of the Treasury under 26 U.S.C. 6104)).