

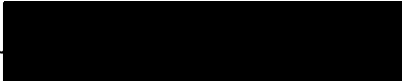
Committee on Science, Space, and Technology

U.S. House of Representatives

Witness Disclosure Requirement - "Truth in Testimony"  
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: Ernest L. Hall		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No X
3. Are you testifying on behalf of an entity that is not a government entity?	Yes X	No
4. Other than yourself, please list which entity or entities you are representing: General Electric Global Research		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2008: See attached list...includes all DOE National Lab grants or contracts awarded to GE Global Research as prime or sub from 1 OCT 08 to present.		
6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity(ies) you are representing: Chief Scientist for Materials Characterization technologies responsible for shaping technical vision and strategic technology direction.		
7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	Yes	No X
8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2008, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed: None		

I certify that the above information is true and correct.

Signature: 

Date: June 20, 2012

Exp Date	Agreement Description	Prime Contract	Project Manager	Date Added
12/31/2010		DEEE0002060	O'BRIEN, KATHLEEN A	8/24/2010
6/30/2014		DEEE0004679	GEMIN, PAUL R	11/29/2011
12/31/2010	Casting and Processing of High Purity Nickel Base Alloys	DEAC0576RLO1830	NELSON, J L	5/28/2010
9/30/2010	Generate Long Integranular Crack in IT compact Tension Specimens	DEAC0576RLO1830	NELSON, J L	5/28/2010
7/29/2013	GE/WRI/INL Water Gas Shift Reactor	DEAC0705ID14517	BHANDARI, DHAVAL A	10/23/2009
4/30/2012	Stress Corrosion Cracking Testing	DEAC1200SN39357	CATLIN, WILLIAM R	12/22/2009
1/31/2010	Flat Panel Xray Detector	DESC0001086	PRICE, JOHN S	1/30/2010
12/31/2012	Common combustor late lean injection	DEFC2605NT42643	IDAHOSA, UYIGUE O	2/3/2011
12/31/2011	H2 GT ARRA - T262 - GRC	DE-FC26-05NT42643	WALKER, DAVID	4/7/2011
12/31/2012	11GEE-G Hi Pres TDLAS Gas Temp	DE-FC26-05NT42643	NIRMALAN, NIRM V	6/15/2011
12/31/2012	Multi-Color Infrared Pyrometry	DE-FC26-05NT42643	ESTEVADEORDAL, JORDI	6/15/2011
9/30/2012	H2 GT ARRA Subtask 2.9	DE-FC26-05NT42643	BOURASSA, COREY	4/23/2012
12/31/2011	Task 2.6.3 GE DOE IGCC ARRA cooperative agreement	DEFC2605NT42643	HASZ, WAYNE C	2/24/2011
12/31/2012	IGCC CMC Lifting subtask 2.10.1	DEFC2605NT42643	CORMAN, GREGORY S	3/19/2011
12/31/2011	IGCC CMC Manufacturing and Field Test Subtask 2.10.2	DEFC2605NT42643	CORMAN, GREGORY S	3/19/2011
12/31/2012	IGCC CMC Lifting subtask 2.10.1	DEFC2605NT42643	LIPKIN, DON M	3/19/2011
12/31/2012	IGCC CMC Lifting subtask 2.10.1	DEFC2605NT42643	POTDAR, YOGESH K	3/19/2011
12/31/2012	IGCC CMC Lifting subtask 2.10.1	DEFC2605NT42643	CORMAN, GREGORY S	3/19/2011
12/31/2012	IGCC CMC Lifting subtask 2.10.1	DEFC2605NT42643	BUENO, CLIFFORD	3/19/2011
12/31/2011	Tip Shroud Technology Development	DE-FC26-05NT42643	PALAFIX, PEPE	11/5/2010
12/31/2011	DOE IGCC/H2 GT - Subtask 2.17	DE-FC26-05NT42643	YILMAZ, ERTAN	3/9/2011
12/31/2010	High Temperature ST Materials	DE-FE0000234	HANLON, TIMOTHY	7/23/2010
9/30/2011	Mo Process Chemistry	DEFC5209NA29626	GLASER, PAUL B	7/25/2010
12/31/2011	Task 2.10.1 CMC Lifting EBC Tip Cap	DEFC2605NT42643	CORMAN, GREGORY S	1/14/2011
12/31/2011	Task 2.10.2 CMC Mfg & Field Test	DEFC2605NT42643	CORMAN, GREGORY S	1/14/2011
10/28/2009	GNEP Deployment Studies Continuation II	DEPS0107NE2448	PETER, ANDREW M	11/12/2008
6/1/2010		DE-FC07-07ID14778	TANGIRALA, VENKAT E	5/6/2010
8/31/2011	Low Cost Resin System for Lightweight PMC Components	DEFC3604GO14217	SINHA, SHATIL	12/7/2009
6/30/2010	Conversion Process for Algae Oil	DE-FE00001888	DELUGA, GREGG A	3/12/2010
7/31/2011	Subsea Systems Engineering Integation	DEAC2607NT42677	WOLFE, CHRISTOPHER E	12/11/2008
9/16/2011	Pretreatment and Water Management for Frac Water Reuse and Sal	DEAC2607NT42677	SILVA, JAMES M	10/8/2009
11/23/2012		DEAC2607NT42677	LAI, RIXIN	2/2/2010
12/30/2011		DEAC07NT42677	SEXTON, DANIEL W	2/11/2010
1/27/2014	NORM Mitigation & Clean Water Recovery for Marcellus Frac Water	DEAC2607NT42677	SILVA, JAMES M	2/7/2012
10/30/2012	Optimized Phosphors for Warm White LED Light Engines	DEEE0003251	SETLUR, ANANT A	3/18/2010
5/28/2013		DEEE0002769	ZIA, JALAL H	6/22/2010
10/29/2012	Roll-to-Roll Solution-Processible Small-Molecule OLEDs	DEEE0003250	LIU, JIE J	4/21/2010
3/31/2013	ARRA Advanced Magnetic Refrigerant Materials	DE-EE0003839	JOHNSON, FRANCIS	9/16/2010
9/30/2012	C02 Capture Process Using Phase-Changing Absorbents	DEAR0000084	PERRY, ROBERT J	9/29/2010
12/31/2012	TRANSFORMATIONAL NANOSTRUCTURED PERMANENT MAGNET	DEAR0000158	JOHNSON, FRANCIS	12/1/2010
12/31/2012		DEAR0000118	PRABHAKARAN, SATISH	1/3/2011
10/31/2011	Efficiency Enhancing Layers for PV Modules	DEEE0000568	TSAKALAKOS, LOUCAS	10/7/2009

10/31/2012	High Energy Yield Distributed Architecture for Large Commercial and	DEEE0000572	ELASSER, AHMED	9/29/2009
1/31/2012	ARRA Award Wind Turbine Manufacturing Process Monitoring	DEEE0001367	FAIDI, WASEEM	3/16/2010
3/29/2013	ARRA Funded Pressure Sensor and Telemetry Methods for Measurement	DEEE0002755	VERT, ALEXEY V	2/24/2010
6/30/2013	High-Temperature-High-Volume Lifting for Enhanced Geothermal System	DEEE0002752	TURNQUIST, NORMAN A	4/1/2010
12/29/2012	Multiparameter Fiber Optic Sensing System	DEEE0002787	CHALLENGER, WILLIAM A	4/8/2010
3/30/2012	Development of an Advance Technology to Manufacture Surfaces	DEAC07051D14517	RUUD, JAMES A	9/16/2009
3/31/2011	Clean and Efficient Diesel Engine - Phase 2	DEFC2608NT06560	WALKER, DAVID	12/14/2009
12/31/2012	Bench-Scale Silicone Process for Low-cost CO2 Capture	DEFE0007502	WOOD, BENJAMIN R	10/18/2011
12/31/2012	Performance Degradation of LSCF Cathodes	DENT0004109	ALINGER, MATTHEW J	10/17/2008
3/31/2012	Affordable High-Efficiency Solid-state Downlight Luminaires with No	DEFC2608NT01579	ARIK, MEHMET	10/8/2008
5/30/2011	Integrated Biomass Gasification with Catalytic Partial Oxidation for	DEFG3608GO18085	WEI, WEI	10/17/2008
9/30/2011	Product Characterization for Entrained Flow Coal/Biomass Co-Gasification	DENT0006305	SUBRAMANIAN, RAMANATHAI	10/16/2008
2/28/2012	Fuel Flexible Combustion Systems for High-Efficiency Utilization of	DEFC2608NT05868	MCMANUS, KEITH R	10/15/2008
1/31/2011	Novel High Capacity Oligomers for Low Cost CO2 Capture	DENT0005310	ROCHA, TERESA G	10/10/2008
1/31/2010	Clean and Efficient Diesel Engine	DEFC2608NT06560	WALKER, DAVID	10/15/2008
12/30/2011		DENT0005961	COLBORN, ROBERT E	11/7/2008
6/30/2010		DEFC2608NT05870	KUMAR, ADITYA	1/16/2009
2/28/2012	300 C Capable Electronics Platform and Temp Sensor Sys for Enhanced	DEFG3608GO18181	VERT, ALEXEY V	2/20/2009
8/6/2012	Demonstration of Pressurizing coal/Biomass Mixtures Using Posimet	DEFE0000507	WESTENDORF, TIFFANY E	8/8/2009
12/31/2010		DEFC2607NT43122	EL-REFAIE, AYMAN M	9/25/2009
3/31/2011	Cost Effective Recovery of Low TDS FRAC Flowback Water for Re-Use	DEFE0000784	ACHARYA, HARISH R	10/8/2009
9/29/2010	Entrepreneur in Residence 2	DEEE0000719	FREER, JOHN J	11/10/2009
8/15/2011	Nanostructured Ferritic Alloys	DEEE0003487	DIDOMIZIO, RICHARD	9/30/2010
11/30/2011	Use of Microwave for Energy-Efficient Heating in High temperature	DEEE0003464	CRETEGNY, LAURENT	9/30/2010
12/31/2011		DEFC2607NT43122	EL-REFAIE, AYMAN M	1/10/2011
12/31/2012		DE-EE0005712	KUMAR, ADITYA	2/13/2011
1/20/2014	DOE Microstructure Based Lifting	DEFE0005859	SHEN, CHEN	3/18/2011
12/31/2013		DEFC2608NT05870	KUMAR, ADITYA	10/24/2011
9/30/2014	High Performance Thin film composite Hollow Fiber Membranes for	DEFE0007514	BHANDARI, DHAVALA	10/21/2011
1/31/2013		DEEE0005573	EL-REFAIE, AYMAN M	11/30/2011
12/31/2012		DE-EE0005437	KORMAN, CHARLES S	12/8/2011
11/14/2012		DE-EE0005344	HARFMAN TODOROVIC, MAJA	12/7/2011
1/22/2015		DOE	GUPTA, RANJAN K	2/23/2012
2/23/2014	HVDC Cabling	DEAR0000231	CAO, YANG	3/16/2012
4/30/2012		DE-EE0005143	FAIR, RUBEN J	11/18/2011
7/31/2014	EFRC	DESC0001055	SOLOVEICHIK, GRIGORII L	8/28/2009
6/30/2012	Stress corrosion Cracking System Development Support	DEAC07051D14517	ANDRESEN, PETER L	6/8/2009
12/15/2011	do not use this agreement	DEAC0500OR22725	ANDRESEN, PETER L	3/21/2011
6/30/2010		DEFC2608NT02871	BOSE, SUMIT	3/11/2009
12/31/2009		DEFC2606NT42847	ZHOU, ZHI	2/18/2009
9/30/2012	Thermoelastic Cooling	DEAR0000131	JOHNSON, FRANCIS	10/11/2011
12/15/2011	Consultancy on PIRT	DEAC0500OR22725	ANDRESEN, PETER L	3/21/2011