ACEEE
American Council for an Energy-Efficient Economy

Lowell Ungar — Senior Policy Advisor

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Professional Experience

Senior Policy Advisor, American Council for an Energy-Efficient Economy, 2013–present

Researches, develops, and builds support for energy efficiency policies. Focuses on building codes and appliance standards, tax incentives and financing, utility programs, policies to address climate change. Analyzes impacts of proposed and implemented legislation and administrative actions. Works with media and drafts fact sheets on benefits of energy efficiency programs, and comments on manufactured housing, energy efficiency in loan underwriting, appliance standards, ENERGY STAR, and other programs. Coordinates ACEEE work to influence federal agency actions on energy efficiency. Leads informal coalitions on building energy codes and collaborates with stakeholders to develop other legislative and agency proposals. Also leads ACEEE work on corporate sustainability. Works with other researchers to improve quality and process of ACEEE's research.

Director of Policy, Alliance to Save Energy, 2007–2013

Senior Policy Analyst, Alliance to Save Energy, 2005–2007

Policy Manager, Alliance to Save Energy, 2003–2005

Led efforts to craft and enact government energy efficiency policies, including through stronger appliance and building standards, new tax incentives, expanded government and utility programs, and effective policies to address global warming. Developed legislation; recruited wide business, environmental, and consumer support. Lobbied Congress, resulting in enactment of legislation in most of these areas. Earned media in the *New York Times*, *Washington Post*, *USA Today*, NPR, other media. Testified before two congressional committees; presented at several congressional briefings. Drafted recommendations and executive summary for the Alliance Commission on National Energy Efficiency Policy (Energy 2030 report). Co-wrote numerous reports and papers. Supervised three staff members.

Legislative Assistant, United States Senate, 1999–2003

Served as policy and legislative aide to Sen. Tom Harkin on energy and the environment, military spending and arms control, veterans, and science policy. Helped workers at former nuclear weapons plant, resulting in compensation for many of them and extensive media coverage. Staffed Sen. Harkin for defense waste and fraud investigations that earned him appearances on ABC News and front-page story in *USA Today*. Drafted bill to reauthorize fuel cell R&D. Assisted on first farm bill energy title. Obtained numerous Defense and Energy & Water appropriations.

Congressional Science Fellow, United States Congress, 1998–1999

Acted as legislative assistant for Rep. Edward J. Markey. Researched issues; monitored and wrote legislation. Wrote speeches and press releases on energy, environment and natural resources, arms control and nonproliferation, science policy.

Faculty Intern, University of Utah Chemistry Department, 1996–1998

Postdoctoral Fellow, University of Pennsylvania Chemistry Department, 1994–1996

Special Assistant, League of Women Voters Education Fund, 1988–1989

Intern, Union of Concerned Scientists, 1987–1988

Professional Activities

Steering Committee member, Energy Efficiency Codes Coalition, 2018–

Panel leader, "Changing the Climate for Energy Efficiency: Local, National, and International Policy Dimensions," 2006 ACEEE Summer Study on the Energy Efficiency of Buildings

Graduate Fellow, National Science Foundation, 1989–1992

Education

PhD, Physical Chemistry, University of Chicago, 1994

BS, Chemistry (with distinction and with honors in humanities), Stanford University, 1987

Selected Publications

S. Nadel and L. Ungar. 2019. *Halfway There: Energy Efficiency Can Cut Energy Use and Greenhouse Gas Emissions in Half by 2050.* Washington, DC: ACEEE. aceee.org/halfway-there.

L. Ungar. 2018. "Doing Our Part: The Contribution of Energy Efficiency Policies to Meeting US Climate Goals." In *Proceedings of the 2018 ACEEE Summer Study on Energy Efficiency in Buildings* 9: 1–14. Washington, DC: ACEEE. www.aceee.org/files/proceedings/2018/#/paper/event-data/p296.

L. Ungar. 2018. *The Impact of Federal Energy Efficiency Programs*. Washington, DC: ACEEE. aceee.org/sites/default/files/pdf/fact-sheet/impact-federal-ee-programs.pdf.

L. Ungar, G. Brinker, T. Langer, and J. Mauer. 2015. *Bending the Curve: Implementation of the Energy Independence and Security Act of 2007*. Washington, DC: ACEEE. aceee.org/bending-curve-implementation-energy-independence.

L. Ungar, C. Kallakuri, and J. Barrett. 2015. *2015 Federal Energy Efficiency Legislation Projected Impacts*. Washington, DC: ACEEE. aceee.org/white-paper/2015-ee-legislation.

L. Ungar, J. Mauer, S. Khan, and S. Vaidyanathan. 2014. *Government Works: Federal Agency Actions on Energy Efficiency*. Washington, DC: ACEEE. aceee.org/government-works-federal-agency-actions-energy-efficiency.

S. Hayes, G. Herndon, J. Barrett, J. Mauer, M. Molina, M. Neubauer, D. Trombley, and L. Ungar. 2014. *Change Is in the Air: How States Can Harness Energy Efficiency to Strengthen the Economy and Reduce Pollution*. Washington, DC: ACEEE. aceee.org/research-report/e1401.

L. Ungar, R. Sobin, N. Humphrey, T. Simchak, N. Gonzalez, and F. Wahl. 2012. "Guiding the Invisible Hand: Policies to Address Market Barriers to Energy Efficiency." In *Proceedings of the 2012 ACEEE Summer Study on Energy Efficiency in Buildings* 6:322-33. Washington, DC: ACEEE. aceee.org/files/proceedings/2012/data/papers/0193-000214.pdf.

T. Simchak and L. Ungar. 2011. *Realizing the Energy Efficiency Potential of Smart Grid.* Washington, DC: Alliance to Save Energy. www.ase.org/resources/realizing-energy-efficiency-potential-smart-grid-alliance-white-paper.