

sources and their impact on aggregate traffic in the core networks.

- Developing innovative formal techniques for estimating the robustness of proactive secure systems.
- Developing network-aware middleware services and toolkits that couple scientific applications to networks.

This announcement calls for proposals to address the fundamental issues of high-performance networks that support DOE's science mission. It focuses on four major topics: (1) High-throughput transport protocols, (2) traffic engineering and characterization, (3) cyber-security science and engineering, and (4) modeling of network-aware middleware and middleboxes (firewalls, NAT, proxies, etc.) deployed in networks to perform functions other than standard routing functions. Responses to this announcement must go beyond the development of tools and software to an emphasis on rigorous techniques and proofs for analyzing and validating the performance of the proposed approaches.

The focus of this announcement is on the fundamental issues of networking technologies that address these challenges.

Background: Early Career Principal Investigator Program

This is the first year of the Early Career Principal Investigator Program. A principal goal of this program is to identify exceptionally talented applied mathematicians, computer scientists and high-performance networks researchers early in their careers and assist and facilitate the development of their research programs. Eligibility for awards under this notice is restricted to tenure-track regular academic faculty investigators, who are no more than five years beyond completing either a Ph.D., or equivalent, or a postdoctoral position, and are conducting research in applied mathematics, computer science, or high-performance networks. Applications should be submitted through a U.S. academic institution. Applicants should request support under this notice for normal research project costs as required to conduct their proposed research activities. However, no salary support will be provided for other faculty members or senior personnel.

It is anticipated that up to \$4 million will be available for grant awards during Fiscal Year 2002, contingent upon the availability of appropriated funds. DOE expects to make up to forty (40) awards for exceptional applications in Fiscal Year 2002, to meet the needs of the program. Multiple-year funding of grant

awards is expected, with funding provided on an annual basis subject to the availability of funds. The typical duration of these grants is three years, and they will not normally be renewed after the project period has been completed. It is anticipated that at the end of the grant period, grantees will submit new grant applications to continue their research to DOE or other Federal funding agencies.

Merit Review

Applications will be subjected to scientific merit review (peer review) and will be evaluated against the following evaluation criteria, which are listed in descending order of importance as codified at 10 CFR 605.10(d):

- (1) Scientific and/or Technical Merit of the Project;
- (2) Appropriateness of the Proposed Method or Approach;
- (3) Competency of Applicant's Personnel and Adequacy of Proposed Resources;
- (4) Reasonableness and Appropriateness of the Proposed Budget.

The evaluation of applications under item 1, Scientific and Technical Merit, will pay attention to the responsiveness of the proposed research to the research challenges of the MICS base research programs in Applied Mathematics, Computer Science, and Network Research.

It is expected that the application will include involvement of graduate and/or undergraduate students in the proposed work.

Applicants are encouraged to collaborate with DOE National Laboratory researchers. The collaborations may include one, or more, extended visits to the laboratory by the applicant each year. Such an arrangement, if proposed, must be clearly explained in the grant application. Furthermore, a letter of support from the DOE National Laboratory collaborator(s) should be included with the application. A list of the DOE National Laboratories can be found at: http://www.sc.doe.gov/sub/lab_map/index.htm.

Grantees under the Early Career Principal Investigator Program may apply for access to high-performance computing and network resources at several National Laboratories. Such resources include, but are not limited to, the National Energy Research Scientific Computing (NERSC) Center: <http://www.sc.doe.gov/production/octr/mics/nersc/index.html>; the Advanced Computing Research Testbeds <http://www.sc.doe.gov/production/octr/mics/acrt/index.html>; the Energy Sciences

Network <http://www.sc.doe.gov/production/octr/mics/esnet/index.html>; and the High-Performance Networking Research effort at the Oak Ridge National Laboratory; <http://www.csm.ornl.gov/net>.

The evaluation under item 2, Appropriateness of the Proposed Method or Approach, will consider the quality of the proposed plan, if any, for interacting with a DOE National Laboratory.

Please note that external peer reviewers are selected with regard to both their scientific expertise and the absence of conflict-of-interest issues. Non-federal reviewers will often be used, and submission of an application constitutes agreement that this is acceptable to the investigator and the submitting institution.

Submission Information

The Project Description should be 20 pages or less, exclusive of attachments. It must contain an abstract or project summary on a separate page with the name of the applicant, mailing address, phone, FAX and E-mail listed, and a short curriculum vita for the applicant.

To provide a consistent format for the submission, review, and solicitation of grant applications under this notice, the preparation and submission of grant applications must follow the guidelines given in the Application Guide for the Office of Science Financial Assistance Program, 10 CFR part 605. Access to SC's Financial Assistance Application Guide is possible via the World Wide Web at: <http://www.science.doe.gov/production/grants/grants.html>. DOE is under no obligation to pay for any costs associated with the preparation or submission of applications if an award is not made.

The Catalog of Federal Domestic Assistance number for this program is 81.049, and the solicitation control number is ERFAP 10 CFR part 605.

Issued in Washington, DC on January 11, 2002.

John Rodney Clark,

Associate Director of Science for Resource Management.

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DEPARTMENT OF ENERGY

North American Energy Working Group

AGENCY: Department of Energy.

ACTION: Notice of public workshop.

SUMMARY: This notice announces a public workshop sponsored by the US

delegation (Department of Energy, Department of Commerce and Department of State) of the North American Energy Working Group (NAEWG) Electricity Regulatory Issues Group of Experts, and a request for comments.

DATES: The Department of Energy will host a public workshop to hear the views of U.S. stakeholders at the following date, time and location. Those planning to attend the workshop should register by calling 202 586-5125,

—February 13, 2002/9 a.m.—4 p.m./
Washington, DC. Department of
Energy, 1000 Independence Ave., SW,
Room 1E-245

Public Participation: The workshops are open to the public. Written comments can be submitted at the workshop or to the address below on or before February 13, 2002. E-mailed comments are preferable.

ADDRESSES: Send comments to: Debra.Smith@hq.doe.gov or Debra Smith, US DOE, Office of Policy and International Affairs, PI-32, 1000 Independence Avenue, SW Washington, DC 20585.

SUPPLEMENTARY INFORMATION: President Bush and Mexican President Fox, during President Bush's visit to Mexico on February 16, 2001, and President Bush and Canadian Premier Chretien, during a subsequent visit to Washington, DC, agreed to the development of a North American Energy Initiative. The Initiative is being developed by the NAEWG. In March 2001, Secretary Abraham, Minister of Natural Resources Canada Goodale, and Mexican Secretary of Energy Martens, met in Mexico City and agreed to the overarching principles and approach that would govern the NAEWG. President Bush's National Energy Policy, released in May 2001, directed the Secretaries of Energy, State, Commerce, to engage in a dialogue with Canada and Mexico through the NAEWG.

The broad goals of the NAEWG are to foster communication and cooperation among the governments and energy sectors of the three countries; enhance North American energy trade, development and interconnections; and promote regional integration and increased energy security for the people of North America. The NAEWG agreed to three areas of work to be carried out by three Groups of Experts. One such group, the Electricity Regulatory Issues Group of Experts, was formed to examine key regulatory issues associated with North American electricity markets, such as reliability,

regional transmission organizations, and transmission access. Canada led the Electricity Experts Group which drafted a discussion paper and made recommendations to the NAEWG as to further actions. One recommendation accepted by the NAEWG suggested soliciting stakeholder input regarding the Experts Group discussion paper and other issues identified in this Supplementary Information section.

The purpose of the workshop is to solicit public comments on the issues raised in the Draft Discussion Paper with a view to better enable the Group of Experts to further its work and, in particular, to solicit public comments on the following question, drafted by the Group of Experts, to facilitate discussion:

What issues present challenges to Regional Transmission Organizations with international members? Issues that should be explored by stakeholders include, but are not limited to, organization, governance, rates, reliability standards, enforcement, and dispute resolution and transmission access.

Issued in Washington, DC, on January 11, 2002.

Vicky Bailey,

Assistant Secretary, Office of Policy and International Affairs.

[FR Doc. 02-1226 Filed 1-16-02; 8:45 am]

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DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

Information Collection Submitted for Review and Request for Comments (IC01-521-001 FERC-521)

January 11, 2002.

AGENCY: Federal Energy Regulatory Commission.

ACTION: Notice of submission for review by the Office of Management and Budget (OMB) and request for comments.

SUMMARY: The Federal Energy Regulatory Commission (Commission) has submitted the energy information collection listed in this notice to the Office of Management and Budget (OMB) for review under provisions of Section 3507 of the Paperwork Reduction Act of 1995 (Pub. L. 104-13). Any interested person may file comments on the collection of information directly with OMB and should address a copy of those comments to the Commission as explained below. The Commission

received no comments in response to an earlier **Federal Register** notice of October 9, 2001 (66 FR 51416). The Commission has noted this fact in its submission to OMB.

DATES: Comments regarding this collection of information are best assured of having their full effect if received on or before February 19, 2002.

ADDRESSES: Address comments to Office of Management and Budget, Office of Information and Regulatory Affairs, Attention: Federal Energy Regulatory Commission, Desk Officer, 725 17th Street, NW., Washington, D.C. 20503. A copy of the comments should also be sent to Federal Energy Regulatory Commission, Office of the Chief Information Officer, Attention: Mr. Michael Miller, 888 First Street NE, Washington, D.C. 20426.

FOR FURTHER INFORMATION CONTACT: Michael Miller may be reached by telephone at (202)208-1415, by fax at (202)208-2425, and by e-mail: mike.miller@ferc.fed.us.

SUPPLEMENTARY INFORMATION:

Description

The energy information collection submitted to OMB for review contains:

1. *Collection of Information:* FERC-521 "Headwaters Benefits"
2. *Sponsor:* Federal Energy Regulatory Commission
3. *Control No.:* OMB No. 1902-0087. The Commission is now requesting that OMB approve a three-year extension of the current expiration date, with no changes to the existing collection. This is a mandatory information collection requirement.

4. *Necessity of Collection of Information:* Submission of the information is necessary to fulfill the requirements of Section 10(f) of the Federal Power Act (FPA). The reporting requirements associated with FERC-521 are codified at 18 CFR Part 11 of the Commission's regulations.

FERC-521 implements the Commission's regulations for the determination of headwater benefits derived by downstream parties. The regulations set forth a formula for determining an equitable apportionment of the annual charges for interest, maintenance, and depreciation for a storage reservoir or other headwater improvement owned by the United States, a licensee, or pre-1920 permittee. Headwater benefits are the additional energy production possible at a downstream hydropower project. Under Section 10(f) of the Federal Power Act, an owner of a hydropower project is required to reimburse upstream headwater project owners for an