



Central Review of Legislative & Regulatory Actions



The U.S. Army Regional Environmental & Energy Office

August 2015

The *Central Review* publishes environmental and energy related developments for DOD/Army leaders and installation staff. Covering the nine states and territories in Federal Regions 6 and 7, the Central Review gives early notice of legislative and regulatory activities relevant to DOD interests. The *Review* also helps installations meet ISO 14001 environmental management system requirements.

Find out more about the Army Regional Environmental and Energy Offices [here](#). Click [here](#) to browse back issues of the *Central Review*. To read back issues of other Regional Office Reviews, click on a region of the REEO website's U.S. map and then select "Publications."

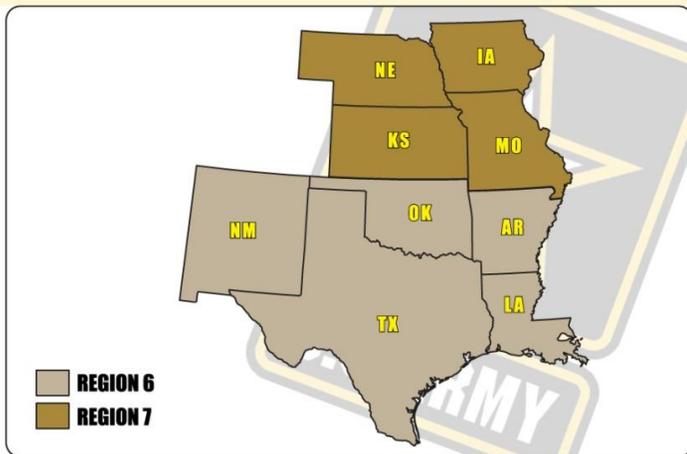


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PLANNING ASSISTANCE FOR ENERGY PROJECTS

Communities interested in intervening when a commercial energy project could interfere with military activities now can [apply for planning assistance](#) from DOD's [Office of Economic Adjustment](#) (OEA) to limit potential conflicts with installations, ranges, training routes, or special use airspace.

Under a Federal Funding Opportunity announced by OEA ([80 FR 18219](#)) states, counties, municipalities, tribal nations, and public entities are eligible for assistance to ensure an energy project does not jeopardize DOD's test, training, and military operations. Examples of conflicts with military activity include low-level flight obstructions caused by wind turbines or solar power towers, electromagnetic interference from high-voltage electrical transmission lines, and glint and glare from photovoltaic arrays and solar power towers near military airfields.

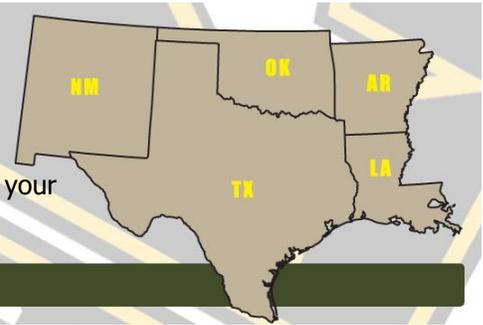
Proposals should support effective collaboration, early engagement and dialogue between DOD and energy developers to ensure energy projects proceed without interfering with military operations. OEA is accepting proposals on a continuing basis. Cost sharing is required, with a minimum of 10% of the proposal's total proposed funding to come from non-federal sources. Applicants will need to demonstrate how a grant would support local planning and stimulate cooperation between state and local adjustment planning efforts. Grants can be used to accomplish a variety of objectives, including:

- analysis and dissemination of information;
- timely consultation and cooperation among DoD, developers and state and local governments;
- resolution of regulatory issues impeding the siting of compatible energy projects;
- cost-effective strategies and action plans;
- effective cooperation and involvement of the public and private sector; and
- a clearinghouse to exchange information among federal, state and local efforts.

For more information, contact [Cyrena Chiles Eitler](#) or your Regional Environmental Coordinator.

Region 6

For more information or to comment on any state issues in Region 6, contact your Regional Environmental Coordinator listed in the [Staff Directory](#).



LEGISLATIVE SESSION: 12 JAN THROUGH 22 APR 15

FINAL RULE

(EFFECTIVE 3 AUG 15) [RULES AND REGULATIONS FOR CONTROL OF SOURCES OF IONIZING RADIATION](#). The Department of Health has adopted revisions to the Arkansas State Board of Health Rules and Regulations for Control of Sources of Ionizing Radiation, i.e., gamma and x-rays, alpha and beta particles, high speed electrons, neutrons and other nuclear particles; but not sound, radio waves, visible, infrared or ultraviolet light.

PROPOSED RULE

[RULES FOR THE UTILIZATION OF SURFACE WATER AND THE ARKANSAS WATER PLAN](#) The Natural Resources Commission has proposed a new rule, the Arkansas Water Plan (Title 24), and a revision to an existing rule, Rules for the Utilization of Surface Water (Title 3). Title 3 will add a table identifying the amount of excess surface water available in each river basin. Although Title 24, the first Arkansas Water Plan, was published in 1975 and later updated in 1990, this is the first time that the commission has committed the plan to rule. The commission intends these rules to be available to anyone interested in knowing which issues and recommendations have been publicly vetted and adopted as the plan. These rules also provide answers to basic questions about the Arkansas Water Plan, provide definitions important to the plan, and finally, provide a map of Arkansas's Water Resources Planning Regions. Hearings have been scheduled for 11, 13, 18 and 20 AUG 15. Comments are due 20 AUG 15. POC: [Crystal Phelps](#).



LEGISLATIVE SESSION: 13 APR THROUGH 11 JUN 15

FINAL RULE

(EFFECTIVE 20 JUL 15) [ANNUAL INCORPORATION BY REFERENCE OF CERTAIN FEDERAL AIR QUALITY REGULATIONS](#) (LAC 33:III.506, 507, 2160, 3003, 5116, 5311, 5901) This rule updates the references to 1 JUL 14, for Standard of Performance for New Stationary Sources, 40 C.F.R. Part 60. The rule also updates the references to July 1, 2014, for the National Emission Standards for Hazardous Air Pollutants (NESHAP) and for NESHAP for Source Categories, 40 C.F.R.

Parts 61 and 63. In order for Louisiana to maintain equivalency with federal regulations, certain references must be adopted into the Louisiana Administrative Code (LAC). This rulemaking is also necessary to maintain delegation authority granted to Louisiana by the Environmental Protection Agency. The basis and rationale for this rule are to mirror the federal regulations as they apply to Louisiana's affected sources. This rule meets an exception listed in R.S. 30:2019(D)(2) and R.S. 49:953(G)(3); therefore, no report regarding environmental/health benefits and social/economic costs is required.

PROPOSED RULE

WATER QUALITY REGULATION AMENDMENTS (LAC 33:IX.4901, 4903) This rule is identical to federal regulations found in Federal Register Title 40, volume 23, Part 136; Volume 29 Parts 401 and 405- 471, which are applicable in Louisiana. This rule changes the reference dates to 40 CFR Part 136 and 40 CFR Chapter I, Subchapter N, Parts 401, 405-471 in the LAC 33:IX, Chapter 49 to July 1, 2014. LAC 33: IX, Chapter 49 incorporates the following portions of federal regulations into the Louisiana water quality regulations:

- 40 CFR Part 136, Guidelines Establishing Test Procedures for the Analysis of Pollutants, 1 JUL 14, in its entirety; and
- 40 CFR Chapter I, Subchapter N, Effluent Guidelines and Standards, Parts 401 and 405-471, 1 JUL 14.

This action will incorporate the recently updated federal regulations into Louisiana's water quality regulations, increasing the enforceability of permits that include EPA-approved analytical methods and effluent limitations guidelines. The basis and rationale for this rule are to mirror the federal regulations. A hearing has been scheduled for, and comments are due, 26 AUG 15. POC: [Deidra Johnson](#), (225) 219-3985.



LEGISLATIVE SESSION: 20 JAN THROUGH 21 MAR 15

Nothing significant to report.



LEGISLATIVE SESSION: 2 FEB THROUGH 29 MAY 15

Nothing significant to report.



LEGISLATIVE SESSION: 13 JAN THROUGH 1 JUN 15

FINAL RULE

(EFFECTIVE 7 JUL 15) [CLEAN WATER STATE REVOLVING FUND](#) (31 TAC §375.52, 375.62). The state Water Development Board has adopted amendments to Chapter 375, Clean Water State Revolving Fund, (§375.52), and Division 2 (§375.62), relating to the issuance of categorical exdusions pursuant to the National Environmental Policy Act, 42 U.S.C. Chapter 55; and more specifically, pursuant to 40 CFR, Ch.1, Subchapter A, Part 6, Procedures for Implementation. Section 375.52 pertains to environmental reviews and determinations for state projects. Section 375.62 pertains to environmental reviews and determinations for federal projects.

(EFFECTIVE 30 JUL 15) [PUBLIC DRINKING WATER STANDARDS](#) (30 TAC §§290.38, 290.39, 290.41 - 290.47, 290.110, 290.111, 290.116) The Texas Commission on Environmental Quality has adopted revisions to the Texas Water Code (TWC), §12.013 and Chapter 13; and Texas Government Code, Chapter 2001, Subchapter B. This rulemaking amends Chapter 290 for consistency with TWC, §12.013 and Chapter 13; for consistency with existing federal regulations and guidance; and to provide clarification on existing state rules. The adopted rulemaking addresses: federal changes to the lead and Escherichia coli (E. coli) thresholds; desalination; chloramination; plan review submittal process; enforceability of exceptions; and other drinking water matters.

(EFFECTIVE 30 JUL 15) [SMALL SOURCE REPORTING OF CERTAIN AIR EMISSIONS](#) (30 TAC §101.201, 101.211) adopts amendments to remove requirements for certain small emitting sources in Nueces and San Patricio County to annually report emissions event and maintenance, startup, and shutdown (MSS) activities and emissions.

PROPOSED RULE

[REGIONAL WATER PLANNING](#) (31 TAC §§357.10, 357.50, 357.51, and 357.62) The Texas Water Development Board has proposed amendments relating to regional water planning. The proposed rule would also amend the definition of intraregional conflict. The proposed change is to cover the situation where there are three or more recommended water management strategies and there is only enough water for any two of the strategies. The board notes that this situation of conflicts caused by at least three recommended water management strategies is already covered in the definition of interregional conflicts. The proposed amendment to §357.50 (relating to Adoption, Submittal, and Approval of Regional Water Plans) proposes numerous changes to this section to shift the resolution of interregional conflicts to the time between when regional water planning groups submit their initially prepared plans (IPPs) and when they submit their final adopted regional water plans. A hearing was scheduled for 23 JUL 15, and comments were due 4 AUG 15. POC: [Texas Water Development Board](#), (512) 475-1673.

[STATE WATER PLANNING GUIDELINES](#) (31 TAC §358.3) The Texas Water Development Board has proposed an amendment to 31 TAC §358.3, Subchapter A, State Water Plan Development, relating to Guidance Principles, in order to align the rule with Water Code §16.053(h)(7)(C). The proposed amendment removes the restriction and direction that the regional water plan protect the enumerated resources of the regional planning area only, and replaces that with state coverage. A hearing was scheduled for 23 JUL 15, and comments were due 4 AUG 15. POC: [Texas Water Development Board](#), (512) 475-1673.

Region 7

For more information or to comment on any state issues in Region 7, contact your Regional Environmental Coordinator listed in the [Staff Directory](#).



LEGISLATIVE SESSION: 12 JAN THROUGH 15 MAY 15

FINAL RULE

(EFFECTIVE 12 AUG 15) [NPDES GENERAL PERMIT No. 2 - TOPSOIL PRESERVATION AT CONSTRUCTION SITES](#) (567 IAC 64.15(2)) The Environmental Protection Commission has adopted amendments to Chapter 64, Wastewater Construction and Operation Permits, Iowa Administrative Code. The amendment to Chapter 64 revises General Permit No. 2, which authorizes the discharge of stormwater from construction sites. Substantive changes in General Permit No. 2 are required to implement the federal effluent guidelines for construction and development point sources. These guidelines are found at 40 CFR 450.21. Most of the measures in the federal effluent guidelines are already included in General Permit No. 2. The changes in General Permit No. 2 involve topsoil preservation at construction sites. The Code of Federal Regulations requires permittees to minimize soil compaction and, unless infeasible, preserve topsoil. Currently, the commission defines this requirement as the preservation of at least four inches of topsoil at construction sites when this is consistent with land use practices, and if at least four inches of topsoil existed on the site prior to construction.



LEGISLATIVE SESSION: 12 JAN THROUGH 1 JUN 15

PROPOSED RULE

[NITROGEN OXIDES ALLOCATIONS](#) (K.A.R. 28-19-274) The Kansas Department of Health and Environment (KDHE) has proposed new air quality regulation K.A.R. 28-19-274. The purpose of new K.A.R. 28-19-274 regarding nitrogen oxides allocations is to replace the provision for allowance allocations for the Kansas TR NOx annual trading budget in the Transport Rule Nitrogen Oxide (NOx) Annual Trading Program for the 2017-2019 control periods under the U.S. Environmental Protection Agency's (USEPA) Cross-State Air Pollution Rule (CSAPR). When the proposed new regulation is adopted, KDHE will submit the regulation to the USEPA for approval into the State Implementation Plan (SIP). A hearing is scheduled for, and comments are due, 7 OCT 15. POC: [Zac Graves](#), 785-296-8142.



LEGISLATIVE SESSION: 7 JAN THROUGH 30 MAY 15

PROPOSED RULE

HAZARDOUS WASTE FEES AND TAXES This rule identifies fees and taxes assessed generators; transporters; applicants for licenses, certifications, and permits; owners/operators of hazardous waste treatment, storage, resource recovery, and disposal facilities; and persons seeking variances. (Note: The department bills for the Department of Revenue but is not the collector of fees or taxes for Missouri.) This rule is in addition to federal requirements. The fees in this rule are based on the authority to revise the hazardous waste fee structure through the rulemaking process. The fees established in this rule are in effect notwithstanding any conflicting language in any other rule regarding the amount of any of the fees listed in this rule. A hearing is scheduled for 20 AUG 15, and comments are due 27 AUG 15. POC: Hazardous Waste Program Rules Coordinator, (573) 751-3176.



LEGISLATIVE SESSION: 7 JAN THROUGH 5 JUN 15

PROPOSED RULE

Nothing significant to report.

Department of Defense Activity

[MUTUAL DEPARTMENT OF DEFENSE & U.S. FISH AND WILDLIFE SERVICE \(USFWS\) GUIDELINES FOR STREAMLINED REVIEW OF INTEGRATED NATURAL RESOURCES MANAGEMENT PLAN \(INMRP\) UPDATES \(JULY 2015\)](#) has recently been released.

The new process will:

- Facilitate faster review and approval of INRMPs requiring updates;
- Reduce the number of non-complaint INRMPs; and
- Improve coordination and collaboration among installation personnel and USFWS regional reviewers.

USFWS also finalized its own internal Guidelines in the [U.S. Fish and Wildlife Service Guidelines for Coordination on Integrated Natural Resource Management Plans \(June 2015\)](#). Their guidelines also reflect this new streamlined process for reviewing INMRP updates.

[ARMY HAS PUBLISHED ITS STRATEGIC ROADMAP TO FUTURE ENERGY SECURITY AND SUSTAINABILITY](#) The Energy Security and Sustainability (ES2) Strategy will foster a more adaptable and resilient force, prepared for a future defined by complexity, uncertainty, and rapid change.

[WAVE ENERGY TEST DELIVERS POWER TO NAVY BASE](#) A test of the potential for wave energy to power onshore facilities has begun generating electricity at the Navy's Wave Energy Test Site in Kaneohe Bay on Oahu, Hawaii. The Navy, Northwest Energy Innovations (NWEI), and the Department of Energy (DOE) are working with a prototype of the Azura wave energy converter device to produce electricity from the motion of the choppy ocean waters. For more information, click [here](#) to read an article from DefenseCommunitites360.

[NAVY SET TO SURPASS TARGET FOR RENEWABLE ENERGY USE](#) With the Navy on course to meet its goal of producing 1 gigawatt of renewable energy at its installations by 1 JAN 16, five years ahead of schedule, Secretary Ray Mabus is ready to raise the bar. "I'm not satisfied stopping there. We can do better than that over the next five years," Mabus said at the 2015 GreenGov Symposium in Washington. To increase its shore installations' reliance on renewables, the Navy is exploring a variety of alternative sources, including solar, wind, geothermal, hydrothermal, and wave energy. The Air Force and Army also are striving to produce 1 gigawatt of renewable energy at their installations.

Federal Activity

AIR

AIRCRAFT GHG EMISSIONS In response to a [petition](#), EPA [announced](#) a proposed finding that greenhouse gas (GHG) emissions from aircraft pose a risk to human health. The [endangerment finding and advance notice of proposed rulemaking](#) are the first step in regulating emissions from the U.S. aviation industry. EPA intends to implement the carbon dioxide (CO₂) emissions standard being developed by the International Civil Aviation Organization (ICAO). ICAO is scheduled to release its CO₂ standard in February 2016. EPA's proposed action does not apply to small piston-engine planes (the type of plane often used for recreational purposes) or to military aircraft. EPA is seeking public input to inform future steps. Public comments will be accepted for 60 days following publication in the Federal Register. Click [here](#) to view a press release or [here](#) to visit EPA's website for aircraft emissions, including a copy of the endangerment finding, fact sheet, and more.

SIP REVISIONS: SSM EPA is taking final action on a petition that concerns how provisions in EPA-approved State Implementation Plans (SIPs) treat excess emissions during periods of startup, shutdown or malfunction (SSM) ([80 FR 33839](#)). In addition, EPA is clarifying, restating, and revising its guidance concerning its interpretation of the Clean Air Act (CAA) requirements with respect to treatment in SIPs of excess emissions that occur during periods of SSM. The agency is issuing a finding that certain SIP provisions in 36 states (applicable in 45 statewide and local jurisdictions) are substantially inadequate, and is issuing a SIP call for those 36 states. The deadline for each state to submit its corrective SIP revision is 22 NOV 16.

GHG EMISSIONS, FUEL EFFICIENCY FOR MEDIUM & HEAVY-DUTY ENGINES, VEHICLES In advance of publication in the Federal Register, EPA and the U.S. Department of Transportation (DOT) [released](#) the text of Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium and Heavy-Duty Engines and Vehicles that will establish a second phase of GHG emissions and fuel efficiency standards for medium- and heavy-duty vehicles. The standards will phase in incrementally between model years 2021 and 2027. Proposed standards cover combination tractor-trailers; specific types of trailers, trucks, busses, delivery and other vocational vehicles; heavy duty pickup trucks; and vans. Expected decreases in fuel consumption and CO₂ emissions range from 8% (specific trailers) to 24% (tractor trailer combinations) once fully phased in. The agencies are also proposing separate standards and test cycles for tractor engines, vocational diesel engines, and vocational gasoline engines. The proposed diesel engine standards would reduce CO₂ emissions and fuel consumption by up to 4% compared to Phase 1 standards. Because certain refrigerants are also extremely potent GHGs, the program includes EPA-proposed standards to control leakage of hydrofluorocarbons (HFCs) from air conditioning systems in vocational vehicles.

COMPLIANCE

SEMIANNUAL REGULATORY AGENDA RELEASED Federal agencies including EPA have published the [Spring 2015 semiannual regulatory agenda](#) online (the e-Agenda) and the semiannual regulatory flexibility agenda. The regulatory agenda provides updates on:

- Regulations and major policies currently under development,
- Reviews of existing regulations and major policies, and
- Rules and major policymakings completed or canceled since the last agenda.

ENERGY

ENERGY CONSERVATION STANDARDS & TEST PROCEDURES FOR FLUORESCENT LAMP BALLASTS DOE issued a final rule to reorganize, reformat, correct, and clarify the scope of the energy conservation standards for fluorescent lamp ballasts ([80 FR 31971](#)). Additional information can be found [here](#).

ENERGY SAVINGS PERFORMANCE CONTRACTS GAO has issued a [report](#) on energy savings performance contracts (ESPC) at seven federal agencies, in fiscal years 1995 through 2014. GAO compiled data on awarded ESPCs; reviewed agency guidance and files for a non-generalizable sample of 20 ESPC projects that reflected a range of contract award dates, contract values, and other characteristics; and interviewed officials from the seven agencies with the highest energy usage and greatest facility square footage. These agencies were the Air Force, Army, and Navy within the Department of Defense; the Departments of Energy, Justice, and Veterans Affairs; and the General Services Administration.

ENERGY CONSERVATION STANDARDS FOR ROOM AIR CONDITIONERS DOE initiated a Request for Information to determine whether to amend the current energy conservation standards for room air conditioners, in preparation of a notice of proposed rulemaking (NOPR) ([80 FR 34843](#)). The NOPR will propose new standards for room air conditioners or propose a notice of determination that the existing standards do not need to be amended.

REGULATORY

EPA REGULATORY AGENDA EPA published the spring edition of its semiannual [regulatory agenda](#) for 2015 ([80 FR 35081](#)). According to the agenda, in 2015 EPA intends to publish five proposed rules, five final rules, and one notice. The proposed rules would address certification of pesticide applicators, management of pharmaceutical waste, hazardous waste generator rules, hazardous waste export-import, and the hazard ranking system (HRS). For more information, visit [reginfo.gov](#) and click on EPA, then proposed rule, final rule, and notice.

NRC REGULATORY AGENDA The Nuclear Regulatory Commission (NRC) published its semiannual regulatory agenda for 2015 ([80 FR 35169](#)). According to the agenda, NRC intends to publish a notice of proposed rulemaking in 2015 addressing fee structures for small modular power reactors, (Regulation Identifier Number (RIN) 3150-AI54); a final rule amending fee schedules (licensing, inspection, and annual fees) for Fiscal Year (FY) 2015 (RIN 3150-AJ44); and a final rule on low-level radioactive waste disposal (RIN 3150-AI92). In addition, under long-term actions with no date identified, NRC intends to issue an advance notice of proposed rulemaking [controlling the disposition of solid materials](#). Comments are due 20 JUL 15. For a complete list of all regulatory activities on NRC's regulatory agenda, [click here](#) and select NRC from the picklist.

SUSTAINABILITY

IMPLEMENTING INSTRUCTIONS FOR EXECUTIVE ORDER 13693 The White House Council on Environmental Quality has issued a 77-page guidance document providing the "Implementing Instructions for [Executive Order 13693 Planning for Federal Sustainability in the Next Decade](#)."

WATER

[CLEAN WATER RULE: DEFINITION OF "WATERS OF THE UNITED STATES"](#) On 29 June 2015 EPA and the U.S. Army Corps of Engineers published a final rule defining the scope of waters protected under the Clean Water Act (CWA), in light of the statute, science, Supreme Court decisions in U.S. v. Riverside Bayview Homes, Solid Waste Agency of Northern Cook County v. U.S. Army Corps of Engineers (SWANCC), and Rapanos v. United States (Rapanos), and the agencies' experience and technical expertise ([80 FR 37054](#)). The rule is effective on 28 August 2015.

[FINAL NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM INDUSTRIAL ACTIVITIES](#) EPA's Regional Offices have issued a final 2015 National Pollutant Discharge Elimination System (NPDES) general permit for stormwater discharges from industrial facilities, also referred to as the Multi-Sector General Permit (MSGP). This permit replaces the existing permit covering stormwater discharges from industrial facilities in EPA Regions 1, 2, 3, 5, 6, 9, and 10 that expired 29 Sep 13, and provides coverage for industrial facilities in areas where the EPA is the NPDES permitting authority in EPA Regions 7 and 8.

2015 EPA MULTI-SECTOR GENERAL PERMIT (MSGP) REPORTING Facilities covered under the 2015 Federal EPA Multi-Sector General Permit (MSGP) are required to electronically submit notices of intent (NOIs), annual reports, notices of termination (NOTs), discharge monitoring reports (DMRs), and no-exposure certifications unless the EPA Regional Office has granted the operator an electronic reporting waiver, in which case the operator may [mail paper forms](#). Operators without an EPA-granted electronic reporting waiver must report electronically using instructions found [here](#).

Professional Development

CONFERENCES, WORKSHOPS AND MEETINGS

18-20 AUG, TOPEKA, KS: [2015 KANSAS ENVIRONMENTAL CONFERENCE](#) The annual conference provides updates on environmental issues, new technologies, regulatory information, and pollution prevention. Anyone interested in the status of the environment in Kansas is welcome to attend.

10-11 SEP, DENVER, CO: [2015 ENERGY POLICY RESEARCH CONFERENCE](#) Conference topics include the future of coal, smart grids, public lands, energy and water nexus, climate change, bioenergy, transportation, energy R&D, microgrids, natural gas, wind, solar, and more.

DoD TRAINING SOURCES

US ARMY CORPS OF ENGINEERS (USACE) PROSPECT TRAINING USACE announces course availability for the [FY16 PROSPECT](#) (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [course catalog](#) and list of classes and schedule for details. Environmental courses include, but are not limited to:

- Environmental Regulations Practical Application Course (Course Control Number (CCN) 398)
- CERCLA/RCRA Process (CCN 356)
- Hazardous Waste Manifesting & DOT Certification (CCN 223)
- Hazardous Waste Manifesting 16-Hour DOT Recertification Course (CCN 429)
- Radioactive Waste Transport (CCN 441)
- Hazardous/Toxic and Radioactive Waste Construction Inspection (CCN 141)
- Environmental Remediation Technologies (CCN 395)
- Environmental Laws and Regulations (CCN 170)

[NAVY AND ISEERB ENVIRONMENTAL TRAINING](#) The Navy and the Interservice Environmental Education Review Board (ISEERB) Environmental Training schedule is available. Course topics include environmental overview and management, law planning and sustainability, pollution prevention, restoration, conservation, supplemental and Internet/computer-based training, and more.

[AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING](#) The Air Force Civil Engineering School offers a variety of environmental management courses and seminars, including ISEERB offerings. Courses offered by the Civil Engineer School are available to all military and civilian employees of the U.S. government, free of charge. Travel costs are borne by the student.

DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS The Army offers numerous environmental training courses (classroom and online). Explore training opportunities on the [US Army Environmental Command website](#), which has links to training provided by DoD organizations.

[READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM WEBINAR SERIES](#) The REPI [Webinar Series](#) is presented by DoD in partnership with the [Land Trust Alliance](#). This online series covers best practices, tutorials and knowledge sharing on REPI partnerships that support military mission and accelerate the pace and rate of conservation. All webinars begin at 1:00 p.m. Eastern unless otherwise noted. Previously scheduled webinars are available anytime.

FEDERAL TRAINING SOURCES

FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER FedCenter.gov is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional development information. FedCenter.gov provides a wide variety of information in the following areas:

- Program development (e.g., environmental management systems, green procurement program);
- Federal and state regulatory requirements for various facility activities;
- Regulatory Watch for information on new or changed laws or regulations;
- P2 opportunities and best management practices;
- EPA enforcement notices;
- Links to state environmental programs;
- Access to [environmental assistance](#);
- Access to free, FedCenter-sponsored courses:
 - [Environmental Compliance for Federal Laboratories](#) (FedCenter membership required);
 - [Environmental Management Systems](#) (FedCenter membership required);
 - [Underground Storage Tanks](#) (FedCenter membership required);
- Environmental [conferences](#), meetings, [training](#), and workshop information;
- Applicable laws and Executive Orders; and
- Industry sector-specific newsletters.

FedCenter also provides member assistance services such as:

- Collaboration tools for workgroups,
- Environmental reporting tools, and
- Daily newsletter and subscription services.

ONLINE TRAINING: SCHEDULED EVENTS

SERDP AND ESTCP WEBINAR SERIES The DoD environmental research and development funding programs ([SERDP and ESTCP](#)) launched a [webinar series](#) to promote the transfer of innovative, cost-effective, and sustainable solutions developed using SERDP and ESTCP funding. Live webinars will be offered every two weeks on Thursdays from 12:00 p.m. Eastern for 90 minutes. Most webinars will feature two 30-minute presentations and interactive question and answer sessions, on topics targeted for DoD and DOE audiences. Prior presentations are archived for viewing any time.

FEMP eTRAINING COURSES The Federal Energy Management Program (FEMP) offers interactive, online eTraining courses to help federal agencies develop core competencies and comply with energy-efficiency and renewable-energy water-management and sustainability requirements. FEMP is partnering with the National Institute of Building Sciences' Whole Building Design Guide (WBDG) to host these comprehensive, FEMP-developed eTraining courses. [Promotional materials](#) are available to help federal agencies encourage the completion of FEMP's eTraining courses. For more information about FEMP eTraining courses, contact [Beverly Dyer](#), (202) 586-7753. The following courses are available:

- [Advanced Electric Metering in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Building Automation Systems for Existing Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Commissioning for Existing Federal Buildings](#) (4.5 hours, .50 CEUs)
- [Energy-Efficient Federal Purchasing](#) (4.5 hours, .50 CEUs)
- [Energy Savings Performance Contracting](#) (8.5 hours, .90 CEUs)
- [Federal On-Site Renewable Power Purchase Agreements](#) (2.5 hours, .30 CEUs)
- [Launching a Utility Energy Services Contract \(UESC\): Getting to Yes!](#) (3 hours, .40 CEUs)
- [Managing Water Assessment in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Measurement and Verification in ESPCs](#) (3 hours, .40 CEUs)
- [Planning an Energy Assessment for Federal Facilities](#) (4 hours, .50 CEUs)
- [Selecting, Implementing, and Funding Photovoltaic Systems in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Sustainable Institutional Change for Federal Facility Managers](#) (3 hours, .40 CEUs)

- [Utility Service Contracts and Energy Project Incentive Funds](#) (90 minutes)

[ENERGY STAR WEBCASTS](#) This webcast shows federal energy and sustainability professionals how to use the ENERGY STAR® suite of tools for energy management.

CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES This [webinar series](#) was developed to inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation.

ONLINE TRAINING: AVAILABLE ANYTIME

[ITRC INTERNET BASED TRAINING](#) The Interstate Technology and Regulatory Council (ITRC) is a state-led coalition working with federal partners, industry, academia, and stakeholders to achieve regulatory acceptance of environmental technologies. In conjunction with EPA's Technology Innovation and Field Services Division, ITRC delivers training courses to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents. Visit the site often to view upcoming internet-based training events.

[NATIONAL CONFERENCE OF STATE LEGISLATURES \(NCSL\) E-LEARNING](#) NCSL e-Learning features experts on public policy issues and provides professional development opportunities for members, state legislators, state legislative staff, and the public. Visit [Multimedia Library](#) for a collection of video and audio files from previous NCSL meetings and webinars. In addition, visit [Plugged In](#), NCSL's state and federal energy newsletter, for updates on state energy news and legislative trends, federal actions, recent NCSL publications, upcoming meetings and more.

[EPA RCRA TRAINING](#) Resource Conservation and Recovery Act-related online courses, seminars, webinars, podcasts, and videos are posted throughout EPA's waste website. Introductory and advanced courses are included for federal and state regulators, the regulated community, organizations, associations, and consumers interested in environmental laws, regulations, and implementation. Topics include general RCRA, RCRA corrective action, Environmental Management Systems (EMS), e-waste, groundwater characterization and cleanup, land revitalization, land disposal restrictions, sustainable materials management web academy, and environmental justice and RCRA permitting.

[BEST PRACTICES FOR COMPREHENSIVE WATER MANAGEMENT FOR FEDERAL FACILITIES](#) This comprehensive water management training provides federal facility and energy managers with knowledge and skills to assist in meeting water-related legislative and executive order requirements. Learners will develop skills in increasing water efficiency and reducing water use through sound operations and maintenance practices and water-efficient technologies. Several methods for meeting needs for non-potable water through alternate water sources, such as rainwater harvesting, reclaimed wastewater, and gray water are discussed. Water metering is covered, as well as life cycle costing and establishing the overall economics for strategic water management.

[DISTRIBUTED-SCALE RENEWABLE ENERGY PROJECTS: FROM PLANNING TO PROJECT CLOSEOUT](#) This 2.5 hour webinar focuses on the planning and implementation of distributed-scale renewable energy projects (i.e., those smaller than 10 megawatts). The on-demand course outlines a detailed 10-step process from technology screening to project closeout. It explores online tools and resources for renewable energy projects on federal sites.

Internet Resources

Region 6 Regulatory & Legislative Internet Sites

[USEPA Region 6](#)
[Arkansas Dept of Environmental Quality \(ADEQ\)](#)
[Arkansas Legislature](#)
[Louisiana Department of Environmental Quality \(LDEQ\)](#)
[Louisiana Legislature](#)
[New Mexico Environment Department \(NMED\)](#)
[New Mexico Legislature](#)
[Oklahoma Department of Environmental Quality \(ODEQ\)](#)
[Oklahoma Legislature](#)
[Texas Commission on Environmental Quality \(TCEQ\)](#)
[Texas Legislature](#)

Region 7 Regulatory & Legislative Internet Sites

[USEPA Region 7](#)
[Iowa Department of Natural Resources \(IDNR\)](#)
[Iowa Legislature](#)
[Kansas Department of Health and Environment \(KDHE\)](#)
[Kansas Legislature](#)
[Missouri Department of Natural Resources \(MDNR\)](#)
[Missouri Legislature](#)
[Nebraska Department of Environmental Quality \(NDEQ\)](#)
[Nebraska Legislature](#)

Other Federal Agencies Internet Sites

Department of the Interior, Bureau of Land Management State Offices

[Eastern States AR, LA, MO, IA](#)
[NM, KS, OK, TX](#)
[WY, NE](#)

[U.S. Geological Survey](#)

[DOE Office of Environmental Management](#)

U.S. Fish and Wildlife Service

[Southwest Region NM, TX, OK](#)
[Mountain – Prairie Region KS, NE](#)
[Midwest Region IA, MO](#)
[Southeast Region AR, LA](#)

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Region 6 Air Force REC	(214) 333-5000
Region 7 Air Force REC	(214) 333-5012
Navy REC (AR/KS/LA/MO/OK/TX)	(904) 542-6853
Navy REC (IA/NE)	(360) 315-5400
Navy REC (NM)	(619) 532-2303

How the Regional Offices Work for You

The Army Regional Environmental and Energy Offices' close cooperation between the military and regional policymakers helps to resolve issues *before* they become laws and regulations. The REEOs monitor proposed state environmental and energy laws and regulations for impacts to installation missions. When legislation or a regulation important to the Army or DOD is being developed, REEOs work with the other military Services to assure that DOD and Services' interests are protected.

To comment on item in the Central *Review*, please contact the Regional Environmental Coordinator listed in the staff directory.

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