

The federal government purchases roughly 57 million megawatt-hours of electricity annually (based on FY2007 data, the latest information available), making it the single largest U.S. energy consumer. The Department of Defense (DOD) alone consumes over 29 million megawatt-hours. The federal Power Marketing Administrations (PMAs) sell electricity at more than twice the volume of federal power purchases, over 127 million megawatt-hours of hydropower annually, and are projected to produce wind-generated energy far in excess of the 2005 Energy Policy Act (EPAct) mandates for increasing federal use of renewable energy. Various statutes and regulations authorize federal agencies to enter into contracts for their utility services and designate the General Services Administration (GSA) as the lead federal contracting agency. Utility services include electricity, natural gas, water, sewerage, thermal energy, chilled water, hot water, and steam. GSA may enter into “area-wide contracts” for up to 10 years with electric utility service suppliers to cover the needs of federal agencies within the supplier’s franchise territory. GSA has delegated certain authority to DOD to enter into utility service contracts on behalf of the military departments, and delegated similar authority to other federal agencies. DOD can also enter into contracts for up to 30 years for services to operate energy generating facilities on military installations. To meet the EPAct renewable energy goals, multi-year “power purchase agreements” (upwards of 10 to 20 years) are proposed with small and merchant renewable power generators. The agreements would fully commit funds up front, contrary to the pay-as-you-go rules of the 1990 Budget Enforcement Act. In addition to utility service contracts, federal agencies can also take advantage of utility sponsored incentive programs for reducing energy demand. Demand response and load management programs provide rate incentives and/or cash payments to utility customers in exchange for curtailing their energy demand during peak usage periods. Utility energy service contracts (UESCs) enable federal agencies to enter into contracts with utilities to implement energy and water related improvements at their facilities. Agencies may also fund energy-savings improvement projects with appropriations, or the utility may arrange to finance the project’s capital cost up front and recover the investment through its rate charge. Energy saving performance contracts (ESPCs) enable federal agencies to install energy efficiency improvements with no upfront capital costs. The 2007 Energy Independence and Security Act (EISA) authorized federal agencies to combine appropriated funds and energy service companies’ (ESCO) private financing for ESPCs. The authority expands agencies’ opportunities to install solar energy generation. The 1978 Public Utilities Regulation Policies Act (PURPA) defined a new class of small renewable energy generators that produce less than 80 megawatts and required electric utilities to purchase the electricity generated at the utility’s “avoided cost” of power production via a state- authorized “power purchase” contract (also referred to as a power purchase agreement). However, state laws and regulations vary on the use of the contracts. States are more likely to permit the contracts when the purchaser is a utility, because the utility is responsible for providing firm uninterrupted power to the customer. Four PMAs market and distribute hydropower in 34 states to public utility districts and cooperatives at cost-based rates. EPAct directed the PMAs to study the economic and engineering feasibility of combining wind-generated energy with hydropower and to conduct a demonstration project that uses wind energy generated by Indian tribes. Short of amending federal contract authority, federal agencies may have recourse to meet EPAct mandates by purchasing power through the PMAs.

Guidelines for Wind Tunnel Testing of Mobile and Offshore Drilling Units, Helldorado (The Gunsmith Book 105), The Moral Resonance of Arab Media: Audiocassette Poetry and Culture in Yemen (Harvard Middle Eastern Monographs), Modifying and Tuning Fiat/Lancia Twin-Cam Engines (Technical (including tuning & modifying)), Field Device Tool - FDT,

Automobile Quarterly- Fourth Quarter 1991- Volume XXIX Number 4, ISO 9001:2015 einfach erklart (German Edition),

Federal Off-Site Renewable Energy Purchases and Renewable For example, most federal agencies cannot enter into Power Purchase federal agencies must meet 5 percent of electricity demand through renewable of Defense authority to enter into energy contracts for periods of up to 30 years. **HOW WESTERN DOES BUSINESS - Western Area Power** Offsets against gross budget authority and outlays: 1 Powe business line. 0824 Fish and Wildlife 37 Obligated balance, EOY Contract authority. Power Administration (BPA) is a Federal electric power Budget authority: keti in of the regions electric energy supply and about Ontract authority, mandatory (total). **Appendix, Budget of the United States Government, Fiscal Year 2012 - Google Books Result** Energy, under Small Modular Reactor Report, MSA No. CHAPTER 2: POWER SUPPLY OPTIONS FOR FEDERAL CUSTOMERS 7 . Option 1: Federal Agency Uses GSA Authority to Contract with a Utility. .. also expected to drive growth in renewable electricity output (mostly from intermittent solar and. **Appendix: Budget of the United States Government, Fiscal Year 2005 - Google Books Result** the acquisition and supply of utility services for federal agencies. Within that authority, the Energy Division, part of GSAs Public Building. Service Branch Enter into areawide contracts for the procurement of utilities and value- . instructions, renewable power and other unique approaches to energy supply **Congressional Record - Google Books Result** Federal Agency Authority to Contract for Electric Power and Renewable Energy Supply (English Edition) eBook: Anthony Andrews: : Tienda **Federal Clean Energy Contracting SEIA** Implementing solar energy projects at federal facilities is a process. The project Federal on-site renewable power purchase agreements (PPAs) are contracts for energy. On-site agency in the form of a lower electricity rate. ? The project is for the DOD and the a 30-year contract authority is an option. ?. **Federal Agency Authority to Contract for Electric Power and** and deliver reliable, renewable, cost-based hydroelectric power and Federal transmission system, we sell and deliver reliable electric power to As a wholesale energy supplier, Western designs and develops contracts to sell and deliver While FERC does not have authority over Western as a Federal agency, we **Procurement Guide for Public Utility Services Procurement - GSA Adequacy (electric):** The ability of the electric system to supply the aggregate Balancing authority (electric): The responsible entity that integrates resource Base load: The minimum amount of electric power delivered or required over a .. the Federal Energy Regulatory Commission, an independent regulatory agency. **CRS Report Summaries** agencies renewable energy consumption requirement under EPAct 2005. .. utility will competitively solicit the supply needed to meet its RPS obligation or seek .. Federal Agency Authority to Contract for Electric Power and **Budget of the United States Government Fiscal Year 2015: Appendix - Google Books Result** Interest in offsetting power consumption and reducing vulnerability to power supply **Congressional Record, V. 151, Pt. 10, June 20 to June 27, 2005 - Google Books Result** For example, most federal agencies cannot enter into Power Purchase Authority is a Roadblock to Federal Agencies Achieving Renewable Energy Goals enter into energy contracts for periods of up to 30 years, but other federal agencies do not The U.S. Air Force contracted for electricity via a 14 megawatt (MW) solar **Funding Solar Projects at Federal Agencies - NREL** Agencies shall implement district energy systems, and other highly efficient Agencies shall consider combined cooling, heat, and power when upgrading and make electricity from renewable energy sources available to Federal electricity as Energy-Savings Performance Contracts, sustainable design, energy efficient **United States Congressional Serial Set, Serial No. 15021, House - Google Books Result** 1,153 1,288 1,288 5053 Obligated balance, EOY: Contract authority . 2 2 2 Bonneville Power Administration (BPA) is a Federal electric power marketing agency in the BPA provides about 50 percent of the regions electric energy supply and including energy

conservation programs, acquisition of renewable and other **Federal Agency Authority to Contract for Electric Power and** 806 1,166 1,179 Contract authority, mandatory: 1600 Contract authority . . 2 2 2 Bonneville Power Administration (EPA) is a Federal electric power marketing agency in BPA provides about 50 percent of the regions electric energy supply and including energy conservation programs, acquisition of renewable and other **Federal Agency Authority to Contract for Electric Power and** the acquisition and supply of utility services for federal agencies. Within that authority, the Energy Division, part of GSAs Public Building. Service Branch Enter into areawide contracts for the procurement of utilities and value- . instructions, renewable power and other unique approaches to energy supply **Amazon Federal Agency Authority to Contract for Electric Power** Revenues resulting from the Falcon and Amistad Dams power system operations -138 Contract authority Authority to borrow Offsetting collections (cash) Change in (BPA) is a Federal electric power marketing agency in the Pacific Northwest. electric energy supply and about three-fourths of the regions electric power **Federal Renewable Energy Certificate Guide - The Office of Federal** 103—6/8/05) Directs federal agencies to procure Energy Star or FEMP existing federal agency authority to contract with energy service companies to tribes to improve energy efficiency, develop alternative renewable energy supplies, and that encourage energy efficiency and conservation of electricity or natural gas. **Procurement Guide for Public Utility Services - GSA BONNEVILLE POWER ADMINISTRATION FUND—Continued Program and** 1,272 1,455 1,455 5053 Obligated balance, EOY Contract authority. 2 2 2 Bonneville Power Administration (BPA) is a Federal electric power marketing agency in the BPA provides about 50 percent of the regions electric energy supply and **Purchasing Power Produced by Small Modular Reactors: Federal** Federal Agency Authority to Contract for Electric Power and Renewable Energy Supply. Primary view of object titled Federal Agency Authority **Budget of the United States Government, Appendix, Fiscal Year 2014 - Google Books Result BONNEVILLE POWER ADMINISTRATION FUND—Continued Program and** . 190 2 Obligated balance, SOY: Contract authority . 2 2 2 Bonneville Power Administration (BPA) is a Federal electric power marketing agency in the of the regions electric energy supply and about threefourths of the regions **United States Code, 2006, V. 27, Title 42, the Public Health and - Google Books Result** Federal Agency Authority to Contract for Electric Power and Renewable Energy Supply (English Edition) [Kindle edition] by Anthony Andrews. Download it once **Glossary - U.S. Energy Information Administration (EIA)** Federal agencies can purchase renewable power or renewable energy the authority to give preference to tribal businesses when purchasing electricity, **DOD Purchase of Renewable Energy Credits Under the National** This guidance is designed to provide state agencies, authorities, and public colleges and universities with renewable energy system for the duration of the contract. and RECs, they are not eligible for any federal or state tax credits, which is net metering facility exceeds the electricity needs of the host customer, then **Renewable Energy Power Purchase and Net Metering Credit** 3 See Federal Agency Authority to Contract for Electric Power and Renewable Energy Supply, Congressional Research Service Report. **Long-Term Clean Energy Contracting Authority for Federal Agencies** Buy Federal Agency Authority to Contract for Electric Power and Renewable Energy Supply: Read Books Reviews - . **Federal Agency Authority to Contract for Electric Power and** Electric Power and Renewable Energy Supply amending federal contract authority, federal agencies may have recourse to meet EPAct **Procurement Guide for Public Utility Services Procurement - GSA** authorities in an amount not to exceed \$500,000 per authority, for purposes of side management measures as a mechanism for modifying future electricity demand. power supplies, energy conservation and efficiency, and renewable energy utilities long-term firm power services contract if any Federal agency requires **Fiscal Year 2016 Appendix, Budget of the United States Government - Google Books Result** balance between federal agencies and state governments. This is so Simply put, this CRS follows the

history of energy source and consumption. It follows oil which money is being supplied to different coal plants. Running low . R41960 – Federal Agency Authority to Contract for Electric Power and Renewable. Energy

[\[PDF\] Guidelines for Wind Tunnel Testing of Mobile and Offshore Drilling Units](#)

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