

TWENTY-SEVENTH LEGISLATURE
STATE OF HAWAII
2013 REGULAR SESSION

Annual Report

on the

(1) Development and Expansion of Telework Initiatives

and

**(2) Receipt and Expenditure of Federal Moneys from
the American Recovery and Reinvestment Act (ARRA)**



CABLE TELEVISION DIVISION
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS
STATE OF HAWAII

December 2012

Annual Report on the Development and Expansion of Telework Initiatives

This report is filed pursuant to section 440G-11.5(b), Hawaii Revised Statutes, which requires the director of the Department of Commerce and Consumer Affairs (DCCA) to submit an annual report to the Legislature “on the department’s efforts to use broadband and its products and services to develop and expand telework initiatives, including telework participation levels and trends of both private and public sector employees in Hawaii.”

1. DCCA Telework Initiatives

DCCA has not yet adopted a departmental policy covering telework activities. At the present time, each division is independently assessing how and to what extent telework alternatives may be employed in the best interests of the division, the department and the State, given the specific functions of the division. This includes an assessment of what work of the division may be suitable for teleworking, as well as how maintain supervision of the activities of the employees and to allow for fair participation in such a program.

Until the department may establish telework program guidelines, employees are only being allowed to work off-site on a limited basis and based upon special circumstances. In those cases where employees are in a position work off-site, the primary activities have been accessing and responding to e-mail and reviewing and revising documents. These tasks have been accomplished using primarily the current CATV provider’s broadband network.

On the other hand, many of DCCA’s divisions regularly utilize existing wireless broadband networks to perform their functions. Examples of this would be division attorneys, examiners, analysts and investigators using wireless broadband devices to connect with the department to review documents and upload/download files while conducting examination and investigations off-site.

2. Broadband Assistance Advisory Council

DCCA has convened the Broadband Assistance Advisory Council (BAAC) as required under Act 199, Session Laws of Hawaii 2010. Pursuant to Act 199, as amended by Act 151, Session Laws of Hawaii 2011, the BAAC is to advise the director on, among other things, “policy and funding priorities to promote and encourage use of telework alternatives for public and private employees” and other states’ best practices involving telework promotion and policies. The BAAC has three working groups that were formed to address the distinct subject matter areas of permitting, adoption, and economics. DCCA has assisted these work groups in scheduling meetings, and in carrying out various activities designed to address their assigned areas of focus. Telework falls within the primary focus area of the Adoption Work Group. The Adoption Work Group has had discussions regarding telework as a potential solution to increase adoption of broadband. As a precursor to the development of telework initiatives, the Work Group is in the process of developing a survey and initiating other data collection efforts in order to best tailor potential programs that may be implemented to drive broadband adoption and use.

**Annual Report on the Receipt and Expenditure of Federal Moneys from the
American Recovery and Reinvestment Act (ARRA)**

This report is filed pursuant to section 440G-11.5, Hawaii Revised Statutes, which requires the Department of Commerce and Consumer Affairs (DCCA) to report annually to the legislature “on the receipt and expenditure of federal moneys from the American Recovery and Reinvestment Act of 2009, and moneys from other federal appropriation measures or applicable federal acts, for the purposes of purchasing broadband facilities, services, or equipment or for entering into contracts for broadband-related projects by all state agencies for all state agencies approval.”

Exhibit 1, attached hereto, lists the ARRA grants for broadband-related projects, brief descriptions of the grant projects, and a listing of the receipt and expenditure of federal moneys through the last reporting quarter ending September 30, 2012.

EXHIBIT 1

STATE ENTITY	AWARD NUMBER	PROJECT NAME OR PROGRAM TITLE	DATE AWARD CLOSES	AWARD AMOUNT	ARRA FUNDS RECEIVED	ARRA FUNDS EXPENDED	ENCUMBRANCE BAL
BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM	DE-OE0000110	Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency. The objectives of this initiative are to: 1) strengthen and expand State and local government energy assurance planning and resiliency efforts by incorporating response actions for new energy portfolios and Smart Grid applications; 2) create jobs, and 3) build in-house State and local government energy assurance expertise. The initiative focuses on building regional energy assurance capability to allow the State to better coordinate and communicate state-wide and with one another, on energy security, reliability, and emergency response issues.	8/14/2012	\$ 318,196.00	\$ 215,550.81	\$ 215,550.81	\$ 88,014.20
COMMERCE AND CONSUMER AFFAIRS	15-50-M09057	Hawaii Department of Commerce and Consumer Affairs: State Broadband Data and Development Grant Program. This grant is to assist the State of HI in gathering and verifying state-specific data on the availability, speed, location, and technology type of broadband services. This activity is to be conducted on a semi-annual basis between 2010 and 2014, with the data to be presented in a clear and accessible format to the public, government, and the research community. The data collected and compiled will also be used to develop publicly available state-wide broadband maps and to inform the comprehensive, interactive, and searchable national broadband map. The grant has been amended to extend data collection activities and to add 2 planning projects: State Broadband Capacity Building and Technical Assistance.	12/31/2014	\$ 4,349,940.00	\$ 2,270,666.29	\$ 2,270,666.29	
TRANSPORTATION, HARBORS	2009-PU-R1-0165	American Recovery and Reinvestment Act Port Security Grant Program (ARRA PSGP). The purpose of the Port Security Grant Program is to create a sustainable, risk based effort to protect critical port infrastructure from terrorism, particularly attacks using explosives and non-conventional threats that could cause major disruption to commerce. This project will provide for security improvements including fencing, gates, barricades, transportation worker identification credential identification program, command information system program, surveillance systems, and other security related improvements at commercial harbor facilities.	8/31/2012	\$ 1,432,500.00	\$ 593,975.99	\$ 644,515.59	\$ 279,029.24

(Italics indicates that grant has been completed)

Version date: November 05, 2012

ARRA Awards Subject to 1512 Reporting Requirements

Reporting Quarter: July-September 2012

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STATE ENTITY	AWARD NUMBER	PROJECT NAME OR PROGRAM TITLE	DATE AWARD CLOSES	AWARD AMOUNT	ARRA FUNDS RECEIVED	ARRA FUNDS EXPENDED	ENCUMBRANCE BAL
UNIVERSITY OF HAWAII SYSTEMS	963566	Enabling Hawaii to COMPETE: Seizing the Opportunity for Equitable Connectivity. Research has become progressively more data-intensive, highlighting a need for higher bandwidth network connections between Hawaii and the mainland to support the transfer of input and output datasets of increasing size, as well as the use of interactive visualization and computational steering. The project's broader impacts include the provision of infrastructure for research and education in science and engineering, with an impact both in the U.S. and internationally. For example, enhanced connectivity will not only promote research in the U.S. but also strengthen astronomical research in a number of countries around the world.	8/31/2012	\$ 9,838,151.00	\$ 9,838,116.37	\$ 9,838,116.37	
UNIVERSITY OF HAWAII SYSTEMS	1007033	Connecting the Islands: Cyber Connectivity for Science and Technology in Hawaii. This RII Inter- and Intra-Campus Cyber Connectivity (RII C2) award focuses on inter-campus and inter-island connectivity and seeks to provide new 10 Gbps connections among 4 specific locations. These connections are most critical to Hawaii's thriving EPSCoR program as well as to the overall Science and Technology (S&T) research and STEM education agendas in HI. The project will provide a ten-fold increase in capability among these key locations, and the design will be extensible in the future to all public higher ed. institutions in HI and other key S&T locations. The connectivity among campuses will enable essential access to high performance computing facilities at the Maui High Performance Computing Center (MHPCC), the new mass storage at UH-Manoa, the new visualization and modeling capacity at UH-Hilo (UHH), and STEM initiatives at Kapiolani Community College. It will also enhance more effective collaboration through emerging high definition videoconferencing among researchers across campuses and across disciplines throughout the state and beyond.	8/31/2012	\$ 1,176,475.00	\$ 1,176,410.41	\$ 1,176,410.41	\$ 0.02

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UNIVERSITY OF HAWAII SYSTEMS	15-42-B10561	Access for All: Hawaii Statewide Public Computing Centers. Provide public computing facilities and wireless access in community colleges, public libraries and education centers on all islands throughout the State of Hawaii.	8/31/2013	\$ 1,949,360.00	\$ 1,355,354.36	\$ 1,355,354.36	\$ 29,965.00
UNIVERSITY OF HAWAII SYSTEMS	90BC0012	Hawaii County Beacon Community Consortium. The mission of the Hawaii County Beacon Community Consortium (HCBC) is to strengthen and use Health Information Technology (HIT) to continuously improve healthcare quality, cost-efficiency, and population health in Hawaii County. The vision of HCBC is a community where HIT is optimally used by all residents to make healthy choices and by all healthcare providers and organizations to provide evidence-based, appropriate, timely, accessible, cost-effective care.	3/31/2013	\$16,091,390.00	\$ 8,025,846.17	\$ 8,192,660.58	\$ 2,618,331.69
UNIVERSITY OF HAWAII SYSTEMS	NT02871	Smart Grid Regional and Energy Storage Demonstration Project (EISA 1304). Smart grids allow for the more efficient delivery of electric power to consumers through the use of computers and other technology to manage electrical loads. The University of Hawaii project will explore the management of distribution system resources for improved service quality and reliability, transmission congestion relief, and grid support functions.	3/31/2013	\$ 5,548,585.00	\$ 1,441,658.62	\$ 1,560,273.22	\$ 1,558,600.00
UNIVERSITY OF HAWAII SYSTEMS	NT10BIX5570140	Ke Ala 'Ike: Connecting Hawaii's Public Schools, Community Colleges, Universities and Libraries. Provide/upgrade fiber optic connections and associated networking equipment at all University of Hawaii Community colleges, universities and educational centers, all Hawaii Public Schools and all Hawaii Public Libraries.	8/31/2013	\$33,972,800.00	\$13,790,619.87	\$ 13,801,387.14	\$ 15,184,735.24
				\$74,677,397.00	\$38,708,198.89	\$ 39,054,934.77	

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