



FACTSHEET

INNOVATIVE ENERGY & ENVIRONMENTAL TECHNOLOGY VERIFICATION (EETV) PROGRAM

Overview

The Energy and Environmental Technology Verification (EETV) Program, as described at N.J.S.A. 13:1D-134 through 137 was established by the New Jersey Legislature to achieve the following:

1. Facilitate the development and commercial use of technology-based environmental and energy-related products, services, and systems that abate and prevent environmental pollution and promote energy conservation in a cost-effective manner.
2. Encourage new businesses that are engaged in such operations to locate in the State of New Jersey, and assist existing enterprises to remain and expand.
3. Provide technical assistance for the development of technologies with commercial applications for expeditious commercial use.
4. Create alliances between individuals seeking assistance to promote energy and environmental technologies with businesses, industry, research universities, utility companies, government agencies, and third party investors.

Verification/Certification Process

To achieve the overall intent of the EETV Program, a verification/certification process was defined whereby innovative energy and environmental technologies can be introduced into the market. The ultimate goal of any technology is to receive a certification from the NJDEP. Obtaining a certification from the NJDEP would provide the following benefits:

- 1) The programs that issue permits can rely on the evaluation and verification process to establish contract provisions, protocols, policies, principles and/or technical guidance to develop expedited or more efficient timeframes for the review and decision-making of permits or approvals associated with the technology;

- 2) The technology will be included in outreach and education seminars to assist in its deployment and expedited commercial use; and
- 3) The technology will be included in State bid specifications, as deemed appropriate by the State Treasurer.

The verification of the technology will be performed by a third party verification entity, which has a performance partnership agreement with the NJDEP. The verification has to establish that the technology was developed in accordance with sound scientific principles and accepted protocols, and provides a net environmental benefit.

Upon receiving a technology verification report from any third party verification entity, the NJDEP shall review the report to ensure the satisfaction of the regulatory requirements. In addition to satisfying these requirements, the NJDEP will ensure that the technology provides a net environmental benefit. After these criteria have been satisfied, the NJDEP will then certify the technology as an innovative energy and environmental technology.

NJCAT

The EETV Program identifies the New Jersey Corporation for Advanced Technology (NJCAT) as the third party verification entity in New Jersey. Therefore, the NJCAT has a partnership agreement with the NJDEP to verify energy and environmental technologies according an agreed upon procedure. The NJCAT is a private/public partnership combines the resources of industry, entrepreneurs, universities, utilities and government to promote the development and commercialization of innovative energy and environmental technologies. The NJCAT provides technology innovators with the required technical, commercial, regulatory and financial assistance to introduce promising new ideas to the market. In addition to responding to the needs of innovators, the NJCAT also identifies demands for new technological systems and seek

out innovators who can meet those demands. The corporation focuses on a capital investment in possibilities for a particular technology system and identifies sources of federal grants or creates collaborative opportunities with member companies or other parties interested in underwriting research and development costs. Essentially, NJCAT is a partnership that provides a forum linking the inventor-entrepreneur with established corporations, research facilities, and inventors to catalyze business development.

For information regarding the NJCAT and the verification process contact Rhea Weinberg Brekke, Executive Director, at (609) 499-3600 (Ext. 3) or access <http://www.njcat.org>.

TARP Program

As part of N.J.S.A. 13:1D-134 et. seq., the NJDEP has been directed to enter into reciprocal agreements with other federal, State, and local agencies to promote the development and implementation of innovative energy and environmental technologies. Consequently, New Jersey signed a Technology Acceptance Reciprocity Partnership (TARP) agreement with California (CA), Illinois (IL), Maryland (MD), Massachusetts (MA), New Jersey (NJ), New York (NY), Pennsylvania (PA), and Virginia (VA). By accepting this agreement, the TARP States have agreed to the reciprocal evaluation, acceptance, and approval of innovative energy and environmental technologies. The TARP States have agreed to share common data, and review protocol and information relevant to the approval and/or permitting of innovative environmental technologies.

The TARP reciprocity agreement resulted in the development of a common three-tiered pathway that is based on common protocols to establish data requirements and performance criteria for specific technologies. The three-tiered process is as follows:

- 1) Tier I - To reduce duplicative demonstration and testing of technologies; expedite multi-State technology acceptance; and reduce cost for both vendors and State regulators.
- 2) Tier II- To provide vendor or user guidance for comprehensive performance testing for a specific technology class. Such guidance cover minimum sampling and testing criteria

common to all TARP States that allow the technology to achieve maximum market penetration.

- 3) Tier III - To provide vendors and State permit-writers with regulatory and technical guidance for permitting or approving specific types of technologies.

By assuring that technology data and performance test are conducted according to agreed upon protocols, any TARP State can make the results of its ongoing technology evaluation and regulatory approval efforts accessible and useful to other States. Such reciprocity speeds up technology deployment at reduced cost for both States and vendors. However, this form of reciprocity is not intended to supersede an individual State's requirements, or allow one State to simple "rubber stamp" the permits of approval from another State.

ITRC Workgroup

The Interstate Regulatory Council (ITRC) is a Workgroup that is made up of State agencies, Federal agencies, and tribal, public and industry stakeholders. The goal of the ITRC is to reduce regulatory barriers and encourage States to allow the development and implementation of cost-effective innovative environmental technologies.

The ITRC has developed various documents with guidelines for developing specific types of technologies. In the absence of any individual State or TARP protocols, these guidance documents can be used by the respective third party verification entity within each State to verify certain technologies. Even though the technologies that are verified in this manner may not qualify for reciprocity in other TARP States, these technologies can still receive a certification for use within a particular State.

For information regarding the EETV Program or the verification/certification process, please contact:

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