



Final Environmental Assessment for Honeywell International, Inc. Electric Drive Vehicle Battery and Component Manufacturing Initiative Project, Massac County, Il (Doe/Ea-1716) (Paperback)

By U S Department of Energy, National Energy Technology Laboratory

Createspace Independent Publishing Platform, United States, 2013. Paperback. Condition: New. Language: English. Brand new Book. DOE prepared this Environmental Assessment (EA) to assess the potential for impacts to the human and natural environment associated with its Proposed Action -- providing financial assistance to Honeywell under a cooperative agreement. DOE's objective is to support the development of the EDV industry in an effort to substantially reduce the United States' consumption of petroleum, in addition to stimulating the United States' economy. More specifically, DOE's objective is to accelerate the development and production of various EDV systems through building or increasing domestic manufacturing capacity for advanced automotive batteries, their components, recycling facilities, and EDV components. This work will enable market introduction of various electric vehicle technologies by lowering the cost of battery packs, batteries, and electric propulsion systems for EDVs through high-volume manufacturing. Under the terms of the cooperative agreement, DOE would provide approximately 50 percent of the funding for Honeywell to construct a manufacturing plant to produce a critical battery material LiPF6. The project would produce up to 1500 metric tons of LiPF6 on an annual basis for high-quality Li-ion batteries. Additionally, the project would create approximately 34 permanent jobs. The environmental...



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