



Final Environmental Assessment for Chemetall Foote Corporation Electric Drive Vehicle Battery and Component Manufacturing Initiative, Kings Mountain, NC, and Silver Peak, NV (DoeEA-1715)

By National Energy Technology Laboratory

Createspace. Paperback. Condition: New. This item is printed on demand. 166 pages. Dimensions: 11.0in. x 8.5in. x 0.4in. DOE prepared this EA to assess the potential for impacts to the human and natural environment of its proposed action to provide financial assistance to Chemetall under a cooperative agreement. DOE's objective is to support the development of the Electric Drive Vehicles (EDV) industry in an effort to 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 by 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 is to provide approximately 45 percent of the funding for Chemetall to establish a new 5,000 metric tons per year lithium hydroxide plant at an existing Chemetall facility in Kings Mountain, North Carolina and to upgrade and expand an existing lithium brine production facility and an existing lithium carbonate plant..



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