



NBS SUMMARY (National Bureau of Standards Summary)



[NBS Highlights](#)



[The NBS and the Nola/NASA Science](#)




[EET/Nola Comparison](#)

Easy to Read
 Technical
 Very Technical



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>>In the early development and patent process, the inventors of EET submitted their ideas to the the National Bureau of Standards. Through an **exhaustive four year scientific evaluation**, the NBS compared EET to existing science and technology to determine its value and originality. Their conclusions are landmark testament to EET's soundness.



NBS HIGHLIGHTS: from the Final Technical Review

INTRODUCTION

"This invention (Energy Economizer Technology - a.k.a. EET) was originally submitted to the Office of Energy-Related Inventions (OERI) for evaluation ... on December 7, 1977. "

"Early in this rather lengthy evaluation process it was recognized that the invention as submitted to OERI was a workable invention and was based on sound engineering principles. However, it was seen as similar in many respects to an invention patented by Frank J. Nola, Patent #4,052,648 (assigned to NASA). Mr. Montgomery was directed to focus in his review on establishing differences between the two devices."

DESCRIPTION

"The invention ... has the effect of reducing the power loss in the motor due to copper and iron loss. The main difference between the two inventions (NASA/Nola versus EET) is in the manner in which they sense the loading on the motor. It is in this aspect of the inventions that it is believed that this invention (Energy Economizer) **has a significant advantage over the Nola (NASA) invention.**"

DISCUSSION

"As explained in the report by G. Franklin Montgomery, ...this difference is considered to be significant enough ... an advantage over the Nola (NASA) device that will cause the (Energy Economizer Technology) to come into more widespread use."

CONCLUSIONS

"The Energy Economizer is based on sound technical principles and can be expected as claimed..."

"... there is evidence that a significant amount of energy can be saved through widespread use of this device."

"There is enough of a difference between the Energy Economizer and the Nola (NASA) device with the ENERGY ECONOMIZER HAVING SIGNIFICANT POTENTIAL ADVANTAGES, TO WARRANT GOVERNMENT SUPPORT..."

Note: Capital and Parenthesis added for clarification and emphasis from OERI Report 7145/003145