GESA (Guaranteed Energy SAVING) PROJECTS

What is GESA project and how it works?

Typically in GESA project the company who will implement all energy saving measures to improve performance of building system and save on operating costs to the owner will guarantee certain amount of saving every year. The project cost is financed by financing company usually on long term financing that is typically now for 15 years. During the construction phase the company who is doing the work gets paid by the financing company for the completed work. After completion of the entire project and acceptance by the owner the financing company starts to invoice the owner on agreed upon time frame monthly, quarterly or annually. It is the basis of GESA that total amount of energy saved per year, converted in dollar term will be always higher than the yearly financing payment that owner needs to make. Based on this guarantee owner is assured that he will always save as much or more in saving than what he has to pay to the financing company. This way it is cost neutral project.

DOC GESA PROJECTS

So far DOC has participated in eight (8) of the GESA projects including one that is in construction phase. Following is information regarding these projects.

SCI-DALLAS

Project duration: 10 Years **Completion:** 8/1/2004

Total cost over 10 Years: $1,242,225.00 **Total saving over 10 Years:** $1,327,593.00

SCI-CAMP HILL

Project duration: 10 Years **Completion:** 2/1/2004

Total cost over 10 Years: $5,503,910.00 **Total saving over 10 Years:** $5,558,199.00

SCI-MERCER

Project duration: 10 Years **Completion:** 2/1/2003

Total cost over 10 Years: $810,536.00 **Total saving over 10 Years:** $811,737.00

SCI-GRATERFORD

Project duration: 15 Years **Completion:** 12/31/2008

Total cost over 15 Years: $18,511,261.00 **Total saving over 15 Years:** $19,663,523.00

SCI-CRESSON

Project duration: 15 Years **Completion:** 6/25/2012

Total cost over 15 Years: $27,230,218.00 **Total saving over 15 Years:** $27,948,407.00

SCI-ROCKVIEW

Project duration: 15 Years **Completion:** 8/2/2012

Total cost over 15 Years: $47,389,198.00 **Total saving over 15 Years:** $47,844,447.00

SCI-LAUREL HIGHLAND

Project duration: 15 Years **Completion:** 8/1/2004

Total cost over 15 Years: $1,242,225.00 **Total saving over 15 Years:** $1,327,593.00

SCI-HUNTINGDON/SMITHFIELD

Project duration: 15 Years **Completion:** 4/1/2013 (Anticipated)

Total cost over 15 Years: $25,064,793.00 **Total saving over 15 Years:** $25,154,674.00

At present all GESA projects will be handled by DGS and they have a new procedure formulated to implement these projects. DOC will be participating in this program with selected pilot project at SCI-DALLAS