SB-1: LOW ENERGY BUILDINGS NETWORK

Please fill out this form and return it to info@esci-ksp.org.

Basic Information

Project title: Go Smart and Green in Metroplaza

Managing Organization: Kai Shing Management Services Limited

Project Description: Metroplaza has integrated with different innovative installed to optimize service for everyone. Thanks to these advanced technologies, we established a data-driven ecosystem that enhances safety, promotes sustainability, and strengthens operational resilience in our daily operations that can significantly elevate workplace productivity and foster a more efficient and modern work culture.

APEC Economy:

- ☐ Australia
- ☐ Brunei
- ☐ Canada
- ☐ Chile
- ☐ China
- ☑ Hong Kong, China
- ☐ Indonesia
- ☐ Japan
- ☐ Korea
- ☐ Malaysia
- ☐ Mexico
- ☐ New Zealand
- ☐ Papua New Guinea
- ☐ Peru
- ☐ Philippines
- ☐ Russia
- ☐ Singapore
- ☐ Chinese Taipei
- ☐ Thailand
- ☐ United States
- ☐ Viet Nam
- ☐ Non-APEC Economy _____

Estimated Savings

Savings Narrative
Manpower saving per year: Average manpower cost $20,000 HKD, 2 numbers of manpower could be saving from advanced technologies. Results: 20,000HKD x 12months x 2 = 480,000/7.83 = 61,303 USD

Energy saving:
From Plantpro and solar film: 593,058.8 kwh = 227,225.6 USD (Referring to ppt Page.20)
From PV system: annual power generated from Tower 1 and shopping arcade are: 14,890.8 + 19,056.6 =33,947.4 kwh (Accounting 4 HKD/kwh in FIT program) approximated 135,790 HKD = 17,340 USD were saving per year

Net Operating Cost Savings per year: 350,869 USD
Kilowatt-hours Savings per year: 627,006.2 kwh
Carbon Emissions Offset: （627,006.2 x 0.38 ）/ 1000 = 238.26 tons CO_2e

Additional Project Details

Image:

Upload: Go Smart and Green in Metroplaza

Project Website:/

Contact Information

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