Green Schools 2.0

for Retro-commissioning

Case sharing-
Payback & Saving Summary

Climate Ready@HK 氣候變化香港行動

機電工程署 EMSD

HKGBC 香港綠色建築議會

Types of Energy Saving Opportunities (ESOs)	ESO Name	Estimated Energy Saving %	Payback
Fine-Tuning	* Increase T_{CHWS}	1-3%	<1 year
	Improve chiller sequencing to achieve higher overall COP	3-6%	<1-5year
	* Re-tune bypass valve pressure setting	1-3%	<1 year
	* Cooling tower (CT) Optimisation	1-3%	<1 year
	* Max. demand shedding	0-3%	<1 year
Modification	* Relocation of differential pressure sensors to the critical path	1-3%	<1 year
	Install VSD on existing chilled water pumps	3-5%	3-5 year
	Occupancy sensor / dimmer installation using smart technology	50%-70%	3-5 year

* Recommended to do first as it is low payback with high estimated energy saving.

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PROFESSIONAL TALKS

Date: 11 Dec 2020 (Fri) (1 hour)

1. Introduction of use of operating data
2. Introduction of smart technologies to facilitate RCx

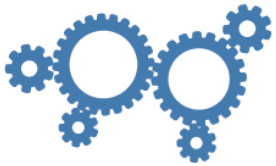
Date: 15 Dec 2020 (Tue) (1 hour)

1. HKGBC RCx Training and Registration Scheme
2. Utilities funding scheme

WORKSHOP CUM SEMINARS

Date: 4 Feb 2021 (Thu) (1 hour)

1. Online demonstration video
   - RCx site evaluation
   - Implementation of energy saving measures, measurement and verification process
2. RCx services and products sharing
3. Q&A



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REGISTER NOW FOR FREE

- Engagement Meeting (Pre-recorded video)
- Induction Talks (Pre-recorded video)
- Professional Talks
- Workshop cum Seminars

In you are interested, please refer to our website for details and registration:
http://greenschools2.hkgbc.org.hk/

Register NOW!

EMSD RCx Resources Centre

HKGBC RCx Training and Registration Scheme

Energy Saving Charter & 4T Charter Schemes

Your feedback is important to us!

https://forms.gle/3Pyw391rr16ENWxi8