

## LIST OF MAJOR PROJECTS

### ANNEXURE 2

#### A) Cooling Tower (SPIG – Italy):

1. **JBR District Cooling** by Drake & Scull & Hyder Consulting (60,000 T.R.)
2. **Dubai Festival City DC** by Drake & Scull & Al Futtaim (50,000 T.R.)
3. **New Doha International Airport** by Akinisi / Bechtel (7,000 T.R.)
4. **Emirates Engineering Centre** by Emirates / ADPi (12,000 T.R.)
5. **57-Storey Bright Start Tower** by BK Gulf & W.S. Atkins (1,500 T.R.)
6. **Marina Mansion, Dubai** by Drake & Scull & W.S. Atkins (1,800 T.R.)
7. **Dubai Investment Park** by York & Mott MacDonald (16,500 T.R.)
8. **Emirates Airline HQ Bldg., Dubai** by IEMSC & Archgroup (4,000 T.R.)
9. **Dubai Motor City** by Drake & Scull & DC PRO Engineering (63,000 TR)
10. **Mirdiff City Centre, Dubai** by ETAMNE & WSP (12,000 T.R.) ; **Successfully tested by CTI-Third Party in August 2010**

*(Note: SPIG has also supplied to various Industrial Applications, Sea Water Application in U.A.E., India, Qatar, Bahrain and KSA.)*

#### B) Air Handling Unit & Fan Coil Units (KLIMAK– Italy / China):

1. **Emirates Twin Tower, Dubai** by Jumeirah Group Int'l. (100+ units)
2. **Knowledge Village, Dubai** (70+ units)
3. **Marina Mall PH-II, Abu Dhabi** (50+ units)
4. **Emirates Engineering Centre – Hangar** by APDi (90+ units)
5. **Mall of the Emirates, Dubai** (130+ units)
6. **Dubai Flower Centre** (30+ units)
7. **Old Town Commercial Island at Burj Dubai Dev't.** (80+ units)
8. **Abu Dhabi International Airport by Etihad** (45+ units)
9. **Burj Tower at Burj Development by EMAAR** (139 units)
10. **Dubai Logistics City Headquarter** (175 units)
11. **Ferrari Experience at Yas Island Dev't. By ALDAR** (recently awarded)
12. **New Doha International Airport by Bechtel** (170+ units)
13. **Single-skin FCU's for Accommodation at Saadiyat Island** (4,700+ units)

*(Note: KLIMAK has supplied AHU's to projects all over the world for more than 7,000 units in the last 10 years)*

#### Fan Coil Units (BROAD - China):

1. **The Grove at Dubai Mall** (24 Units, Large Series) – **Special type of Fan Coil Units**

#### C) Plate Heat Exchanger (Tranter – USA / Sweden / India)

1. **DIFC Gate Building, Dubai** by Hyder Consulting (Total 12,000 kW)
2. **Grand Hyatt, Dubai** (3,000 kW)
3. **Dubai Jewel Tower** by Khatib & Alami Consultants
4. **Rose Tower Hotel, Dubai** by Khatib & Alami Consultant
5. **Executive Towers at Business Bay** by TECOM & Ian Banham & Asso. Consultant.

*(Note: Total supplied 27 nos. PHEs for DC Application. Also Client, Contractor and Consultant had witnessed and approved factory test in USA).*

6. **Blue Tower, Sharjah**
7. **Churchill Tower at Business Bay** by Ian Banham & Asso. Consultant
8. **Ocean Heights, Dubai** by Ian Banham & Asso. Consultant (IBA); **(318metre Tall Tower)**

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9. **HHHR Tower, Dubai** by Al Hashemi Consultant & IBA
10. **Jumeirah Heights Cluster C** by Arenco & Nakheel
11. **Landmark Tower, Abu Dhabi** by Buro Happold Consultant
12. **PPM Conrad Hotel, Dubai** by Atkins & Partners Overseas, Dubai

#### \*D) IAQ Equipment (CosaTron – USA)

- 1) Genetic Lab & Majlis at Al Lissaili, Dubai by Engineer's Office
- 2) Various Phases of ADNEC (Ph-1, 2 & 3) Abu Dhabi by RMJM & ADNEC (Supplied more than 100 sets ranging from 5,000~30,000 cfm per AHU)
- 3) Dubai World Trade Centre - Zabeel Hall by RMJM & DWTC
- 4) Smoking Lounge & IZ Restaurant at Grand Hyatt, Dubai
- 5) Smoking Lounge at Hyatt Regency, Dubai
- 6) Bar @ 44 & Buddha Bar at Grosvenor House, Dubai
- 7) New Metallurgical Lab at Dukhan by Qatar Petroleum
- 8) New HSBC Branch at Muraqqabat, Dubai by Clarke-Samadhin & Associates
- 9) Jumeirah Al Khor Hotel & Residences at DHCC by RMJM & Jumeirah Int'l.

**(Note:** This product can reduce AC Cooling load from 10 – 25%, by reducing outside Fresh Air Quantity (as per ASHRAE, if you properly clean Indoor Air then you can reduce Fresh Air requirement from 20 cfm per person to 5.0 cfm per person depends on application without violating ASHRAE Norms).

#### \*E) Water Treatment without Chemical for Cooling Tower (BacComber – Singapore)

Grand Hyatt, Dubai (Total 8,000 T.R. Capacity i.e. 4-Towers of 2,000 T.R. each)

#### \*F) Thermal Solar System (One of the Largest Installation in the Region)

- 1) Grand Hyatt, Dubai (Large Scale 1,820 sq. meter Nett Effective Area of Solar Absorber)
- 2) Various Residential Luxury Villas & School (100 ~ 800L)
- 3) 5-Star Hotel in Dubai – UNDER EXECUTION

#### G) Mechanical Link Seals (PSI - Germany)

- 1) Burj Dubai Development DCP by EMAAR & Allied Engineering
- 2) Qatar Pearl Development (Ph-1 & 2) by United Dev't. Company
- 3) City of Arabia District Cooling Network by Empower & Maunsell Consultant
- 4) Integrated DCP, Qatar by C.A.T. Int'l. & Dar Al Handasah
- 5) TECOM Site, Dubai by Empower & Maunsell Consultant
- 6) King Abdulla University of Science & Technology, K.S.A. by ARAMCO
- 7) Pearl GTP ETP, Qatar by Al Jaber Contracting
- 8) Qatar Foundation Educational City – Doha by Conspel & KEO Consultant
- 9) New Doha International Airport by Punj Lloyd Ltd, Doha
- 10) Dancing Fountain at Burj Khalifa, Dubai by BK Gulf
- 11) Al Reef Villas Infrastructure, Al Nasr Contracting, Abu Dhabi
- 12) Princess Nora University, K.S.A. by Hamad Al Alaiwi & Dar Al Handasah Consultant and many more.....

**(Note: Supplied more than 50 projects in Qatar, UAE, Oman & KSA)**

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**H) Electric Storage Calorifier (GMS-UK; Pacific-France & Heat Transfer – S.A.)**

Supplied **128 sets** of Electrical Calorifiers ranging from 500 Litres to 5,000 Litres storage capacity (heating capacity 20 kW up to 200 kW) each for various – projects.

**\*I) Power Saver (Enerkeeper – S. Korea)**

Manufacturer has supplied to a number of facilities from 2005 till date, 5.0 KVA to 3,000 KVA unit in Korea, Vietnam & India as detailed below.

Project Name	Enerkeeper Size	Year of Installation (Saving Achieved)
Grand Hyatt Dubai	1,500kVA	Nov. 2009 (12.5%)
Factory Stainless steel water tank & sink in Hanoi, Son Ha	700kVA	May 2007 (8%)
Factory Battery manufacturing, Tia Sang	700kVA	July 2007 (7.5%)
Factory Plywood manufacturing, Thien Son	1,500kVA	April 2008 (9.2%)
Factory motorbike parts, Goshi Thanglong	1,200kVA x 4nos.	May 2009 (8%)
Factory textile in Dongtai, El Mei	1000kVA	July 2005 (7.2%)
Factory Plastic Injection in Dongtai, Jianguo Chunyan Suoye Ltd.	1200kVA	Mar 2006 (12.2%)
Factory food manufacturing in Feira de Santana, Nestle	1500kVA	October 2009 (8.2%)
Factory Packing mat'l manufacturing in Klang Selangor, Toli	750kVA	April 2010 (8.1%)
Factory Rice mill in Bahalgarh, Sunstar Overseas (Near New Delhi)	2000kVA	Feb 2006 (11%)
J.W. Marriott Mumbai	2000kVA x 2nos.	Sept. 2008 (10%)
Renaissance Hotel, Mumbai	1750kVA x 3nos.	July 2009 (9%)
Tikitar Industries, Gujarat, India	250kVA x 01no.	October 2010 (6%)

**J) FCU-LINK (ATS-GERMANY)**

- 1) Silverene Twin Tower by EFECO (1700 + units)
- 2) Al Manara at Saadiyat Island in Abu Dhabi by ALEC
- 3) Golf Club House at Yas Island by ALEC
- 4) REEL Cinema @ Dubai Marina Mall by ALEC

**K) Ecology Unit (Carroll-Canada)**

- 1) Al-Ghurair, Extension (2010) – **24sets**

**(\*Note: By implementing these systems, Client can earn points towards LEED Certifications.)**