

**Process Group Project Reference List**  
**Various Process Group Projects since 2007**



Client	Project	Description	Year of Delivery	Country
AGL	Silver Springs Storage Project	32 MMSCFD TEG Dehydration Package, DPCU and 3 Phase Separator	Under Const.	Australia
STX Heavy Industries / ENI	Zubair Oil Field Development Project	2 x 40,000 BWPD Water Treatment Package	Under Const.	Iraq
J. Ray McDermott / Petronas	Kepodang Gas Development Project	160 MMSCFD TEG Dehydration Package - TEG circulation rate 18.6 USGPM	Under Const.	Indonesia
Samsung Heavy Industries / Inpex Browse	Ichthys CPF Project	Fuel Gas H <sub>2</sub> S and Mercury Removal Package	Under Const.	Australia
PT Meindo Elang Indah / Salamander Energy	Kerendan Gas Facilities	26.3 MMSCFD TEG Dehydration Package - TEG circulation rate 3.8 USGPM	Under Const.	Indonesia
Towell Engineering Services / Daleel Petroleum Company	B Block Station WI & WTU Facilities Upgrade Project	2 x 50,000 BWPD Water Treatment Packages and Refurbishment Works	Under Const.	Oman
Drilling Systems	CEMSIM	Cemeting Simulation Module	Under Const.	UAE
Expro PTI / PDVSA Petroindependencia	Petroindependencia Heavy Oil EPF	Electrostatic Coalescers	Under Const.	Venezuela
Technip Geoproduction Sdn Bhd / Petronas	Petronas FLNG	2,500 BWPD Desander Package and 1,900 BWPD Produced Water Treatment Package	Under Const.	Malaysia
Energy Developments Limited Remote Energy	McArthur River Mine Phase 3 Development Project	Fuel Gas Conditioning Package	Under Const.	Australia
Samsung Heavy Industries / Inpex Browse	Ichthys CPF Project	3 x 672 MMSCFD TEG Dehydration Packages - TEG circulation rate 101.5 USGPM	Under Const.	Australia
PT Tripatra / Mobil Cepu	Banyu Urip Project EPC-1 Production Processing Facilities	2 x 814 m <sup>3</sup> /h Deoiler Hydrocyclone Packages	Under Const.	Indonesia
Black & Veatch Corporation / Exmar	Exmar FLRSU (Floating LNG Liquefaction, Regasification and Storage Unit)	91.5 MMSCFD Molecular Sieve Dehydration Package	Under Const.	Columbia
Black & Veatch Corporation / Exmar	Exmar FLRSU (Floating LNG Liquefaction, Regasification and Storage Unit)	91.5 MMSCFD Natural Gas Sweetening Package - Amine circulation rate 55 USGPM	Under Const.	Columbia

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CB&I / AGL Energy	Newcastle Gas Storage Facility	13.6 MMSCFD Molecular Sieve Dehydration Package & Glycol Heater Package	Under Const.	Australia
CB&I / AGL Energy	Newcastle Gas Storage Facility	13.6 MMSCFD Natural Gas Sweetening Package - Amine circulation rate 90.2 USGPM	Under Const.	Australia
Towell Engineering Services / PDO Oman	Musallim Second Module Project	126,800 BWPD Water Treatment Package	Under Const.	Oman
Cairn Energy	Ravva Field Lifecycle Project	Water Separation and Treatment Package Including HIPPS package, Desanders, Deoilers, Degassers, Compact Flotation Unit	Under Const.	India
PT. IKPT / ConocoPhillips	EPC Rawa Modification for LTRO Project	Condensate Stabilisation Package	Under Const.	Indonesia
WJ Towell / PDO Oman	Zauliyah Gas Compression Phase III Project	TEG Dehydration Package Dew Point Control Unit Condensate Stabilisation Package	Under Const.	Oman
SMOE	Zawtika Development Project Phase 1A	Fuel Gas Conditioning Package	Under Const.	Myanmar
SMOE	Zawtika Development Project Phase 1A	22,000 BWPD Produced Water Treatment Package Including Desanders, Deoilers and Degasser	Under Const.	Myanmar
Santos	Roma Well Head Desander Test Unit	550 BPD Well Head Desander	Under Const.	Australia
KJVG / Chevron Australia	Gorgon (Domgas) Project	MEG Regeneration Package -MEG circulation rate 10 USGPM	Under Const.	Australia
Fluor / Santos	GLNG Upstream Project	7 x TEG Dehydration Packages Fairview - 5 x 100 MMSCFD, TEG circ. rate 17.5 USGPM Roma - 2 x 85 MMSCFD, TEG circ. rate 17.5 USGPM	2013	Australia
Occidental of Oman Inc.	Jalal Production Facility	29.3 MMSCFD TEG Dehydration Package - TEG circulation rate 4.4 USGPM	2012	Oman
Descon Engineering / UCH-II Power Limited	UCH-II Power Plant Expansion Project	Fuel Gas System	2012	Pakistan
Santos	Port Bonython Refrigerated Propane Recovery Project	Submerged Propane Pumps Propane and MEG Heaters	2012	Australia
JGC Gulf / Tatweer Petroleum	Well Manifold Project	17 x Fuel Gas Systems	2012	Bahrain
JGC Gulf / Banagas	Compression Station (CS-9)	69 MMSCFD TEG Dehydration Package - TEG circulation rate 42 USGPM	2012	Bahrain

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Todd Taranaki	Mangahewa C	4 x 18,600 Std m3/hr Wellhead Desanders	2012	New Zealand
CO2CRC	Solvent Skid Modifications and Additions	Post Combustion CO2 Capture	2012	Australia
Cairn Energy	Aishwariya Field	Low Pressure Separator	2012	India
Asawer Oil & Gas / StarOil	South Annajma Early Production Facilities	Full EPF including: - Production & Well Test Separator - Crude Oil Exchanger - Fuel Gas, KO and Flare Systems - Control Room and DCS	2012	Sudan
Siemens Industrial Turbomachinery Limited	Halfaya Project Surface Facility Early FCP	Liquid Fuel Treatment Skid	2012	Iraq
Samsung Engineering Co. Ltd	Shah Field Development Project	5 x 9800 BWPD Water Treatment Packages	2012	UAE
IHI Engineering	Yurralyi Maya Power Station GTG8 Project	Fuel Gas Filter Package	2012	Australia
P.T. Timas / Premier Oil	Anoa Gas Expansion Project Upgrade	523.7 kW DEG Reboiler Firetube Refurbishment	2012	Indonesia
Transfield Worley / STOS	Kapuni Tight Gas Project	2 x 2,235 kW Water Bath Heaters Including one new and one refurbished	2012	New Zealand
Technip / BHP Billiton	Macedon Gas Project	Water Treatment Package - 1 x Corrugated Plate Interceptor - 1 x Induced Gas Flotation Unit	2012	Australia
Hal Offshore / ONGC	ICP, BHS & SCA Platforms	3 x Produced Water Conditioning Packages (160,000, 100,000 & 50,000 BWPD respectively)	2011	India
W.J Towell & Co. / Sohar Aluminium	Sohar Aluminium Power Plant	Fuel Oil Metering Skid	2011	Oman
Cairn Energy	Mangala Process Terminal Capacity Expansion Project	Complete Oil Production Train	2011	India
SK Engineering & Construction Co / ADCO	Ruwais Refinery	Hydrocyclone Brine Treatment Package	2011	UAE
International Energy Resources	Natural Gas Treatment & Filtration	Fuel Gas & Fuel Oil Conditioning Packages	2011	Dubai
Essar / ONGC	Neelam Heera Reconstruction Project - Neelam Platform	145,000 BWPD Produced Water Conditioning Package	2011	India
Aker Solutions / BHP Billiton	Minerva Long Term Delivery Project	1,700 kW Refrigeration and Gas Chiller Package	2011	Australia

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Stroytransgaz	North Middle Area Gas Exploitation Project	12 MMSCFD Natural Gas Sweetening Package - Amine circulation rate 18 USGPM	2011	Syria
Stroytransgaz	North Middle Area Gas Exploitation Project	131 MMSCFD TEG Dehydration Package - TEG circulation rate 14.7	2011	Syria
Aker Solutions / Oil Search	PNG LNG Gas Project	3 x 100 MMSCFD TEG Dehydration Packages - TEG circulation rate 45 USGPM	2011	Papua New Guinea
Southern Controls / EPIC Energy	QSN3 Wallumbilla	Instrument Gas Skid	2011	Australia
Aker Solutions / Oil Search	PNG LNG Gas Project	1 x Fuel Gas Package	2011	Papua New Guinea
J. Ray McDermott / Chevron Thailand	Platong Gas II Project	2 x 250MMSCFD TEG Dehydration Packages - TEG Circulation Rate 65 USGPM	2011	Thailand
Creative Power Solutions AG	Zawia Power Station	Fuel Gas Heater	2011	Libya
Chevron Bangladesh	Muchai Gas Compression Project	Fuel Gas Conditioning Skid	2011	Bangladesh
PT Tripatara / HESS, Indonesia	Jambi Merang Gas Production Facility	3 x Deoiler Hydrocyclone Packages	2010	Indonesia
PT Gunanusa / HESS, Indonesia	Ujung Pangkah Offshore	1 x Induced Gas Flotation Package	2010	Indonesia
PT Gunanusa / HESS, Indonesia	Ujung Pangkah Offshore	2 x Deoiler Hydrocyclone 1 x Induced Gas Flotation Package	2010	Indonesia
Santos, Australia	Roma Underground Storage Pilot Project	515 kW PH-GR Water Bath Heater 228 kW Pickanjinie Water Bath Heater	2010	Australia
Origin Energy, Australia	Sea Gas Mortlake Pipeline Meter Station	1566 kW Water Bath Heater	2010	Australia
Aker Solutions / BHP Billiton	ZamZama Front End Compression Project	Fuel Gas Conditioning Skid	2010	Pakistan
PT Saipem / Premier Oil,	Gajah Baru Field Development	1 x Deoiler Hydrocyclone 1 x Induced Gas Flotation Package	2010	Indonesia
PT Saipem / Premier Oil,	Gajah Baru Field Development	MEG Regeneration package - MEG circulation rate 13.6 USGPM	2010	Indonesia
Fimco	Esfehan Refinery Development and Revamping Project	Desalter Package	2010	Iran
Descon Engineering / Halmore Power Generation Company	225 MW BQ Power Project	Fuel Gas Treatment Package	2010	Pakistan

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Dragon Oil	Lan 13 & 28 Platforms	Flare KO & Vent/Drain Drum Skids	2010	Turkmenistan
Addax Petroleum	Coucal Facility	Heat Exchanger Skid	2010	Gabon
Essar / ONGC	Neelam Heera Reconstruction Project - Heera Platform	100,000 BWPD Produced Water Conditioning Package	2010	India
PT Tripatara / HESS-Pertamina	Jambi Merang Gas Production Facility	80 MMSCFD TEG Dehydration Package - TEG circulation rate 9.5 USGPM	2010	Indonesia
T D Williamson / ADCO	ADCOP Pig Handling System	High Pressure Pig Launcher / Receiver Traps	2010	UAE
Airfins	Skikda Refinery	Lube Oil Coolers	2010	Algeria
Crescent Petroleum Company International	Khor Mor to Chamchamal Pipeline	Pig Launcher / Receiver Traps	2010	Iraq
AGJV / ONGC	MHS // ICP-R Process Platform Project	90 MMSCFD TEG Dehydration Package - TEG circulation rate 18 USGPM	2010	India
Origin Energy, Australia	BassGas Gas Plant Development	Propane H2S & Mercury Removal Unit	2010	Australia
Addax Petroleum MAGHENA Inc	Tsiengui Brown Field Expansion Project	Inlet Degasser Vessels	2010	Gabon
Hyundai Engineering & Construction Co	Ras Raffan C Power Plant	Final Chance Filters	2010	Qatar
Petroleum Development Oman / Dodsai Engineering	Qarn Alam Project Surface Facility	Produced Water Treatment Package - 2 x 241,500 BWPD CPI Vessels - 4 x 120,100 BWPD IGF Vessels	2010	Oman
TD Williamson / ADCO	Abu-Dhabi Crude Oil Line Project	Pig Launcher / Receiver Traps	2010	UAE
Magma Oil	Underground Coal to Liquids (UCTL) Pilot Plant	Custom designed package for previously untested UCTL process.	2010	Australia
Daewo E&C / GECOL	Misurata & Bhenghazi Combined Cycle Power Plant	Fuel Gas Treatment Package	2009	Libya
J. Ray McDermott / Esso Australia	Kipper Tuna and Turrun Phase II	2 x Deoiler Hydrocyclones 1 x Induced Gas Flotation Vessel	2009	Australia
RAK Gas Petroleum, UAE	West Bukha Gas Treatment Plant	60 MMSCFD Amine CO2 & H2S Removal Package - 816 USGPM circulation rate	2009	Oman
EOS / Woodside Australia	North Rankin Platform NR2	Diesel Filter Package	2009	Australia

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IHI Engineering	Hammersley Iron – Seven Mile Power Station	3 x Fuel Gas Filter / Metering Skid	2009	Australia
Origin Energy, Australia	Spring Gully Development – Talooona Gas Plant	50 MMSCFD TEG Dehydration Package - TEG circulation rate 10 USGPM	2009	Australia
Origin Energy, Australia	Talinga Gas Development – Talinga Gas Plant	3 x 60 MMSCFD TEG Dehydration Packages - TEG circulation rate 12 USGPM	2009	Australia
PT Nisconi / ConocoPhillips Indonesia	North Belut Gas Field Development (Offshore platform)	2 x Sand Container Systems	2009	Indonesia
Crescent Petroleum Company International	Bazian and Ibril Power Station	Filter Separator and PRS Skid	2009	Iraq
STSI Engineering / Hesco	Jihar Oil Field Stage 2	Gas Dehydration and Dew Point Control Unit	2009	Syria
PT Tripatra / HESS Indonesia	Ujung Pangkah Onshore	1 x Deoiler Hydrocyclone / Induced Gas Flotation Package	2009	Indonesia
ENI Australia	Blacktip Gas Field Development	2 x Induced Gas Flotation Units	2009	Australia
TRUenergy, Australia	Iona Gas Plant – LOPS Project	TEG Contactor	2009	Australia
Petronas	Angsi A platform	Sand Handling and Removal Package	2009	Malaysia
Santos, Australia	Patricia Baleen Upgrade	Dew Point Control Unit MEG Regeneration Package Condensate Stabilisation Package	2009	Australia
ENI Australia	Blacktip Gas Field Development	133 MMSCFD TEG Dehydration Package - TEG circulation rate 12 USGPM	2009	Australia
Arrow Energy, Australia	Stratheden Daandine Development	40 MMSCFD TEG Dehydration Package - TEG circulation rate 5 USGPM	2008	Australia
Santos, Australia	Fairview Coal Seam Gas Development	2 x 38 MMSCFD TEG Dehydration Packages - TEG circulation rate 7.5 USGPM	2008	Australia
CO2 CRC	Hazelwood Pilot Plant	Membrane and Adsorbant Pilot Plants	2008	Australia
CO2 CRC	HRL Pre-Combustion Pilot Plant	Solvent Pilot Plant	2008	Australia
ENI Australia	Blacktip Gas Field Development	2 x Induced Gas Flotation Units	2008	Australia
Total Indonesia	Tunu Phase II	Fuel Gas Conditioning System	2008	Indonesia

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IHI Engineering	Hamersley Iron – Seven Mile Power Station	Fuel Gas Filter / Metering Skid	2008	Australia
Santos, Australia	Fairview Coal Seam Gas Development	2 x 38 MMSCFD TEG Dehydration Packages - TEG circulation rate 7.5 USGPM	2008	Australia
Origin Energy, Australia	Spring Gully Development – Talooona Gas Plant	Fuel Gas Treatment Package	2008	Australia
Origin Energy, Australia	Spring Gully Development – Talooona Gas Plant	2 x 50 MMSCFD TEG Dehydration - TEG circulation rate 10 USGPM	2008	Australia
ENI Australia	Blacktip Gas Field Development	133 MMSCFD TEG Dehydration package - 12 USGPM circulation rate	2008	Australia
International Power Australia	Hazelwood Power Station	50 TPD (Amino acid) CO2 Capture Plant	2008	Australia
PT Nisconi / ConocoPhillips Indonesia	North Belut Gas Field Development (Offshore platform)	2 x Sand Handling and Removal Packages	2008	Indonesia
PT Technip / ConocoPhillips Indonesia	North Belut Gas Field Development (Offshore platform)	MEG Regeneration package - 19 USGPM circulation rate	2008	Indonesia
Technip / Origin Energy	Kupe Gas Project	78.5 MMSCFD Molecular Sieve Dehydration Package	2008	New Zealand
Safwan Petroleum Technologies Company	Doha Gas Turbine Power Plant	Fuel Gas Treatment Package	2008	Qatar
Doosan Heavy I & C / DEWA	Jebel Ali Phase M	Fuel Gas Treatment Package	2008	UAE
Dodsai Engineering / Occidental	Mukhaizna Central Processing and Satellite Facilities Project	2 x Induced Gas Flotation Units	2008	Oman
PDO Oman	Musallim QA09 & QA10	2 x 126,800 BWPD Water Treatment Packages	2008	Oman
CO2CRC	Otway Basin Pilot Project	CO2 Geo-Sequestration Plant	2007	Australia
Origin Energy, Australia	Spring Gully Gas Plant – Phase III	50 MMSCFD TEG Dehydration Package - TEG circulation rate 10 USGPM	2007	Australia
National Iranian Oil Co. / Payandan	Nargessi Associated Gas Gathering, Compression & Injection Project	20 MMSCFD TEG Dehydration package - TEG circulation rate 10 USGPM	2007	Iran
ETA- Siemens JV, UAE	Aweer Gas Turbine Station	Complete Fuel Gas Treatment Package	2007	UAE
Safwan / Kuwait Oil Company	Early Production Facility	Deoiler Hydrocyclone and IGF Package	2007	Kuwait

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Acqua Engineering	Biodiesel Plant	Methanol Distillation Package	2007	USA
Origin Energy, Australia	Spring Gully Development (Phase 3)	2 x Fuel Gas Conditioning Package	2007	Australia