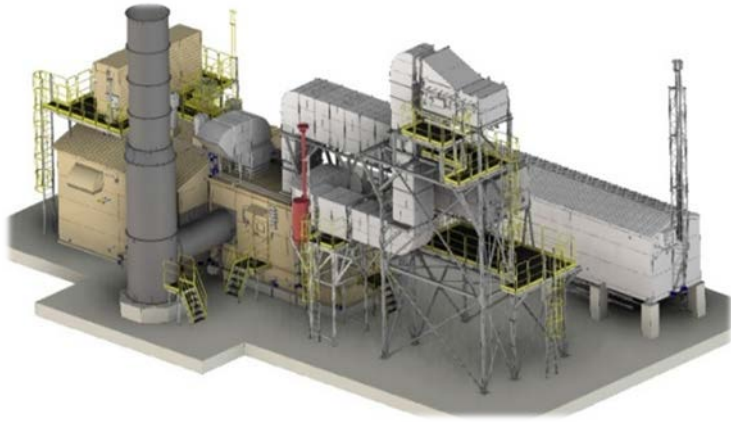


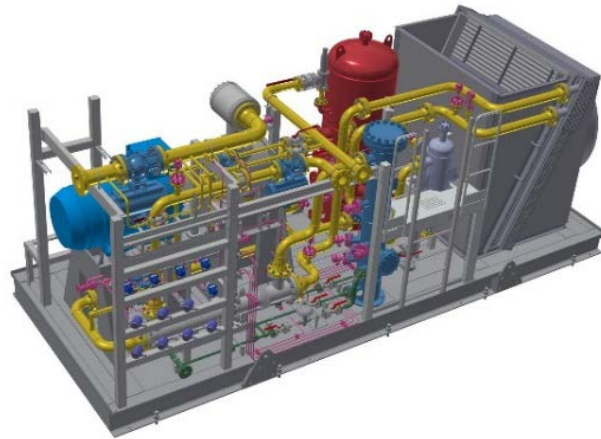
# INGC COMPANY PROJECTS



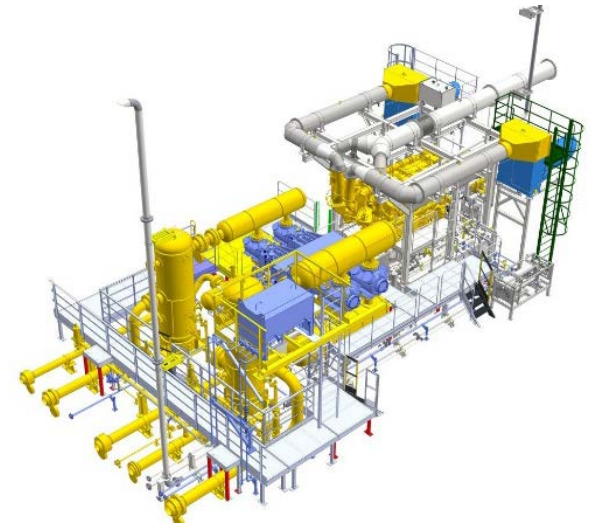
# PRODUCT LINE



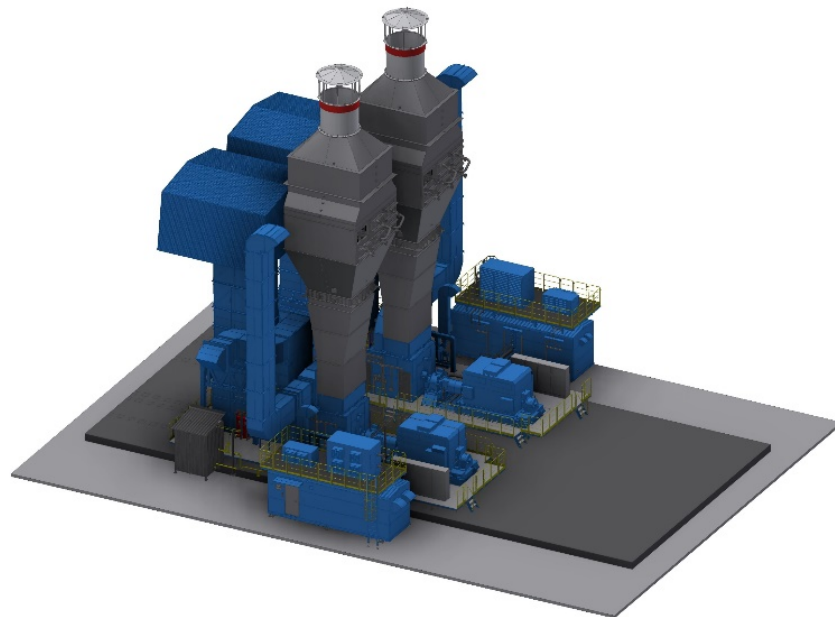
**CENTRIFUGAL GAS COMPRESSOR UNITS**



**SCREW COMPRESSOR UNIT**



**RECIPROCATING COMPRESSOR UNITS**



**GAS TURBINE POWER UNITS**



**MOBILE COMPRESSOR UNITS (MCU)  
BASED ON THE COMMON MOTOR-DRIVEN  
COMPRESSOR**



# CENTRIFUGAL COMPRESSOR PROJECTS

No	Site	Customer	Application	Compressor system	Power, MW	P suct, MPa	P d, MPa	Flow	No of CS	Year of supply
1	Vankor field Krasnoyarsk region, Russia (Rosneft)	Vankorneft JSC (NK Rosneft JSC)	Booster compressor station	Compressor: Thermodyn 2BCL408/A (GE)	16	1,7	8,3	4,9*10 <sup>9</sup> normal m3/ year	5	2012
				Gas turbine: NK-16-18ST (KMPO, Russia)						
2	Yuzhno-Russkoe field Tyumen' region, Russia (Gazprom)	Severneftegazprom LLC for (Gazprom, PJSC)	Booster compressor station	Compressor: Ural (Iskra, Russia)	16	0,9	7,4	25,1* 10 <sup>9</sup> normal m3/ year	4	2015
				Gas turbine: GTU-16 (PMZ, Russia)						
3	Beregovoe field Tyumen' region, Russia (Rosneft)	Sibneftegaz, OJSC (NK Rosneft JSC)	Booster compressor station	Compressor: Ural (Iskra, Russia)	16	3,85	7,45	28,9* 10 <sup>6</sup> normal m3/ day	2	2016
				Gas turbine: NK-16-18ST (KMPO, Russia)						
4	Pipeline TIP-2 between main gas pipeline «BGR-TBA» и main gas pipeline «Kazakhstan-China» Kazakhstan (InterGas Central Asia)	KazTransGaz JSC (Kazakhstan)	Booster compressor station	Compressor: Thermodyn BCL356/A (GE)	16	2,5	9,8	9,8* 10 <sup>9</sup> normal m3/ year	2	2016
				Gas turbine: NK-16-18ST (KMPO, Russia)						
5	Urengoykiy ZPKT (Petrochemical plant) Tyumen region, Russia	Gazprom Pererabotka LLC (Gazprom PJSC)	Gas treatment	Compressor: Siemens STC-SV(08-4-A)	10	1,75	7,2	161 293 normal m3/h	2	2017
				Gas turbine: GTU-6PG (PMZ, Russia)						
6	Urengoykiy ZPKT (Petrochemical plant) Tyumen' region, Russia	Gazprom Pererabotka LLC (Gazprom PJSC)	Gas treatment	Compressor: Siemens STC-SV(08-4-A)	6	2,14	7,2	73 060 normal m3/h	1	2017
				Gas turbine: GTU-6PG (PMZ, Russia)						
7	Suzunskoe gas field Krasnoyarsk region, Russia (Rosneft)	Suzun JSC (NK Rosneft JSC)	Booster compressor station	Compressor: Nuovo Pignone 2BCL456 (GE)	16	0,4	6	74 762 normal m3/h	2	2018
				Gas turbine: NK-16-18ST (KMPO, Russia)						

No	Site	Customer	Application	Compressor system	Power, MW	P <sub>suct</sub> , MPa	P <sub>d</sub> , MPa	Flow	No of CS	Year of supply
8	Samantape field (Uzbekistan)	Enter Engineering Pte Ltd (Uzbekistan)	Booster compressor station	Compressor: Thermodyn 2BCL406 (GE)	8	4,3 - 0,9	5,6	10*10 <sup>6</sup> normal m <sup>3</sup> /day	2	2018
				Gas Turbine: Taurus 70 (Solar Turbines)						
9	Pipeline TIP-2 between main gas pipeline «BGR-TBA» и main gas pipeline «Kazakhstan-China» Kazakhstan (InterGas Central Asia)	KazTransGaz JSC (Kazakhstan)	Booster compressor station	Compressor: Thermodyn BCL356/A (BHGE)	16	2,5	9,8	9,8*10 <sup>9</sup> normal m <sup>3</sup> /year	1	2019
				Gas Turbine: Taurus 70 (Solar Turbines)						
10	Yaraktinskoye field, Irkutsk region, Russia	Irkutsk Oil Company LLC	Booster compressor station	Compressor: Solar Turbines C61, C51, C16	16	0,55	25,1	4,0 normal m <sup>3</sup> /year	2	2019
				Gas turbine: SOLAR Titan 130 CS						
11	Ety-Purovskoe field Tyumen' region, Russia	Gazprom Dobycha Noyabrsk LLC (Gazprom PJSC)	Booster compressor station	Compressor: ЦБК250-2,2/2,1-6500/10,5SMP-REP Holding JSC	10,5				3	2019
				Electric motor: HSCR900Y2Nidec ASI S.p.A.						
12	Yuzhno-Russkoe Field, 2nd stage Tyumen' region, Russia (Gazprom)	Sevemeftegazprom LLC	Booster compressor station	Compressor: Ural (Iskra, Russia)	16	1,77	7,5	6,05 – 19,26*10 <sup>6</sup> normal m <sup>3</sup> /day	6	2020
				Gas turbine: GTU-16 (PMZ, Russia)						
13	«LUKOIL – Volgogradneftepererabotka» petrochemical factory	LUKOIL – Volgogradneftepererabotka LLC	Propane compressor unit	Compressor: Thermodyn BCL304 (BHGE)	1,7	0,6	2,1	20 560 normal m <sup>3</sup> /h	1	2020
				Electric motor: Siemens						
14	Povhovskoe field Modernization of gas compressor station, Khanty-Mansiysk, Russia	LUKOIL – West Syberia, LLC	Field gas booster	Compressor: Thermodyn 2BCL457 (BHGE), Nuovo Pignone	4	0,03	3,02	20 000 normal m <sup>3</sup> /h	3	2021 - 2022
				Electric motor: ET900V2Nidec ASI S.p.A.Motors and Generators-Monfalcone (GO), Italy						



No	Site	Customer	Application	Compressor system	Power, MW	P suct, MPa	P d, MPa	Flow	No of CS	Year of supply
15	Gazromneft-Noyabrsk-neftegaz	Gazromneft - Noyabrskneftegaz	Field gas booster	Compressor (General Electric): Thermodyn 2ICL254	0,33	0,002	0,81	1 903 normal m3/h	1	2021
				Electric Motor						
16	Ichedinskoe field Irkutsk region, Russia	Irkutsk Oil Company, LLC	Booster compressor station	Compressor: Solar Turbines C61, C51, C16,	16	0,55	25,1	4,0* 10 <sup>6</sup> normal m3/day	2	2021
				Gas turbine: Solar Turbines Titan 130						
17	Alan Gas field (Uzbekistan)	Enter Engineering Pte Ltd for Uzbekneftegaz JSC	Booster compressor station	Compressor: Nuovo Pignone BCL504 (Baker Hughes)	8	1,18 – 0,53	1,7 – 0,9	9,14 – 2,09* 10 <sup>6</sup> normal m3/day	2	2021
				Gas Turbine: AI-336-8 (Motor Sich, Ukraine)						
18	Zevardy Gas field (Uzbekistan)	Enter Engineering Pte Ltd for Uzbekneftegaz JSC	Booster compressor station	Compressor: Nuovo Pignone BCL504 (Baker Hughes)	8	1,38 – 0,61	2,3 - 2,0	9,55 – 3,09 *10 <sup>6</sup> normal m3/day	2	2021
				Gas Turbine: AI-336-8 (Motor Sich, Ukraine)						
19	Dengizkul Gas field (Uzbekistan)	Enter Engineering Pte Ltd for Uzbekneftegaz JSC	Booster compressor station	Compressor: Thermodyn 2BCL608 (Baker Hughes)	16	1,83 - 0,5	5	5,17-1,52* 10 <sup>6</sup> normal m3/day	2	2021
				Gas Turbine: Nova16 (Baker Hughes)						
20	Khabarovskiy NPZ Khabarovsk, Russia	Khabarovskiy NPZ, LLC for Nezavisimaya neftyanaya kompaniya, OAJ	ECCU for circulation of hydrogen-containing gas	Compressor: Thermodyn BCL404	1,7	1,9	2,9	67 000 normal m3/day	2	2021-2022
				Electric motor: Siemens 1NB1 564-4AA60-4AG0						
21	Arniez Gas field (Uzbekistan)	Enter Engineering Pte Ltd for Uzbekneftegaz JSC	Booster compressor station	Compressor: 2BCL608 Baker Hughes, Nuovo Pignone	16	0,5	5	3,50 normal m3/day	2	2021-2022
				Gas Turbine: NovaLT16 Baker Hughes, Nuovo Pignone						

No	Site	Customer	Application	Compressor system	Power, MW	P <sub>suct</sub> , MPa	P <sub>d</sub> , MPa	Flow	No of CS	Year of supply
22	CS Bozoy (Kazakhstan)	Solar Turbines	Booster compressor station	Compressor: C51MH Solar Turbines	16				3	2022
				Gas Turbine: Titan 130 S Solar Turbines						
23	Angarsk Eastern Siberia, Russia	Angarskiy zavod polimerov OAJ (Rosneft)		Compressor: Howden CKD Compressors 4RVA78+ 7RMA88+ 5RCA56CKD	25	0,1	3,6		1	2021-2022
				Steam turbine: Siemens SST600 V500						
24	Bovanenkovskoe field Yamal, Russia	Kurgankhimmash LLC (Gazpromneft-Zapolyarye LLC)	Gas compression	Compressor: HЦ-8ДКC «Ural» (NPO Iskra PJSC)	8	2,1	5	6,42*10 <sup>6</sup> normal m3/ day	2	2023
				Driver: HK-14CT (PJSC «UEC-Kuznetsov»)						
25	Yuzhno-Tambeyskoye field Yamal, Russia	Kazancompressor-mash JSC (YAMAL LNG)		Driver: GTU-25P with PS-90GP-25 engine (Perm Motors)	25				6	2023



# YUZHNO-RUSSKOYE OIL AND GAS FIELD

**Centrifugal gas compressor units** for operation of the booster compressor workshop, in terms of extension for Yuzhno-Russkoye oil and gas field

**Drive:** Gas turbine GTU-16PA  
(UEC-Aviadvigatel JSC)

**Compressor:** Centrifugal NC-16 DCS-02  
«Ural» (Iskra PJSC)

**Capacity:** 16 MW

**Discharge pressure:** 7,4 MPa (g)

**Production rate:** 25,1 billion normal m<sup>3</sup>/year

Severneftegazprom LLC (2012-2020)  
(Gazprom)

**Number of units:**

**14** centrifugal gas compressor units

**Works on site:**

Installation and commissioning of GCU with a drive, compressor and hangar, replacement of the compressor bundles



# AKYRTOBE BOOSTER COMPRESSOR STATION (KAZAKHSTAN)

**Centrifugal gas compressor units** in individual shelters for boosting compressor station «Akyrtobe»

**Drive:** NK-16-18STD (KMPO JSC, Kazan)

**Compressor:** BCL356/A (Thermodyn GE Oil & Gas)

**Capacity:** 18 MW

**Discharge pressure:** 9,8 MPa (abs)

**Production rate:** 1,986 billion normal m<sup>3</sup>/year

KazTransGaz LLC (2016-2018)

**Number of units:**

**3** centrifugal gas compressor units «Irtys»

**Works on site:**

Installation and commissioning of GCU with a drive, compressor and hangar, replacement of the compressor bundles





# URENGOY GAS TREATMENT PLANT

**Centrifugal gas compressor units** in the common shelter

**Drive:** PS-90GP and D-30EU-6  
(UEC-Aviadvigatel JSC)

**Compressors:** STC-SV (Siemens)

**Capacity:** 10 and 6 MW

**Discharge pressure:** 7,3/7,3 MPa

**Production rate:** 170276 and 76494 m<sup>3</sup>/h

Gazprom Pererabotka LLC (2017-2018)  
(Gazprom)

**Number of units:**

2 centrifugal gas compressor units «Irtysh» - 10MW

1 centrifugal gas compressor units «Irtysh» - 6MW

**Works on site:**

Erections supervision, installation and commissioning of GCU with a drive, compressor and hangar shelter





# SAMANTEPE COMPRESSOR STATION (UZBEKISTAN)

## Centrifugal gas compressor units

Further development of Semantepe field.  
Yuzhny Urtobulok

**Drive:** Taurus 70 (Solar Turbines)

**Compressor:** 2BCL 406 (Thermodyn, BHGE)

**Capacity:** 7,8 MW

**Discharge pressure:** 5,5 MPa

**Production rate:** 10 mln normal m<sup>3</sup>/d

Enter Engineering Pte Ltd (2019)  
(Uzbekneftegaz)

## Number of units:

2 centrifugal gas compressor units «Irtys»

## Works on site:

Erections supervision and commissioning  
of GCU with a drive





# ALAN / ZEVARDY (UZBEKISTAN)

**Centrifugal gas compressor units** in the block-module design

**Drive:** AI-336-2-8 (Motor Sich JSC)

**Compressor:** PCL504 (Baker Hughes)

**Capacity:** 8 MW

**Discharge pressure:** 1,7 – 0,9 MPa

**Production rate:**

9,55 – 3,09 mln m<sup>3</sup>/d Zevardy

9,14 – 2,09 mln m<sup>3</sup>/d Alan

Enter Engineering Pte Ltd (2019)  
(Uzbekneftegaz)

**Number of units:**

2 units «Irtysh» Alan

2 units «Irtysh» Zevardy

**Works on site:**

Erections supervision and commissioning  
of GCU with a drive





# DENGIZKUL COMPRESSOR STATION (UZBEKISTAN)

**Centrifugal gas compressor units** in the block-module design

**Drive:** GTU-16 Nova 16LT (Baker Hughes)

**Compressor:** 2BCL608 (Baker Hughes)

**Capacity:** 16 MW

**Discharge pressure:** 1,83 - 0,5 MPa

**Production rate:** 1,52-5,17 mln m<sup>3</sup>/d

Enter Engineering Pte Ltd (2012)  
(Uzbekneftegaz)

**Number of units:**

2 centrifugal gas compressor units «Irtysh»

**Works on site:**

Erections supervision and commissioning of GCU with a drive





# POVKHOVSKOYE FIELD

**Electrically driven gas compressor units**  
in the block-module design

**Drive:** ET900V2 Nidec ASI SpA-Motors,  
Generators&Drives, Monfalcone

**Compressor:** 2BCL457  
( Nuovo Pignone, Baker Hughes)

**Capacity:** 4 MW

**Discharge pressure:** 3,02 MPa (g)

**Production rate:** 20001 normal m3/h

Lukoil (2021)

**Number of units:**

**3** electrically driven gas compressor units  
«Irtysk»

**Works on site:**

Installation supervision, commissioning,  
commissioning of the facility





# VOLGOGRAD

**Electrically driven gas compressor unit**  
in frame

**Drive:** 1NB1 564-4AA60-4AGO (Siemens)  
**Compressor:** BCL304 (Thermodyn, BHGE)  
**Capacity:** 1,7 MW  
**Discharge pressure:** 2,1 MPa (g)  
**Production rate:** 20560 normal m<sup>3</sup>/h

Lukoil PJSC (2021)

**Number of units:**

1 electrically driven gas compressor unit  
«Irtys»

**Works on site:**

Installation supervision and commissioning





# NOYABRSKNEFTEGAS

**Packaged modular compressor unit**  
based on the integrated centrifugal ICL  
motor-compressor

**Motor-Compressor:** ICL (Thermodyn, BHGE)  
**Capacity:** 0,33 MW  
**Discharge pressure:** 0,81 MPa (g)  
**Production rate:** 1903 normal m<sup>3</sup>/h

Gazprom Neft PJSC (2021)

**Number of units:**  
**1** packaged modular compressor unit  
The first in Russia

**Works on site:**  
Installation supervision and commissioning



# GAS TURBINE POWER UNITS PROJECTS

No	Site	Customer	Application	Compressor system	Power, MW	Number	Year of supply
1	Ichedinskoe Field Irkutsk region, Russia	Irkutsk Oil Company LLC	Booster compressor station	Turbo generator: KATO	6	2	2016
				Gas turbine: Taurus 60 GS			
2	Ichedinskoe Field Irkutsk region, Russia	Irkutsk Oil Company LLC	Booster compressor station	Turbo generator: Series E (Elektrotyazhmash-Drive LLC)	6	2	2017
				Gas turbine: D-30KU/KP «Saturn GT»			
3	Bovanenkovskoe Field Yamal, Russia	Gazprom	Booster compressor station	Turbo generator: TC-12-2PYXЛ3 (Elektrotyazhmash-Drive LLC)	12	2	2021
				Gas turbine: GTU-12PG-2 (UEC-Perm Engines JSC)			



# ICHEDINSKOYE FIELD

Complete gas turbine power units of block-modular design

**Drive:** Taurus 60-7901 (Solar Turbines)

**Generator unit:** Taurus 60 (Solar Turbines)

**Capacity:** 5,74 MW

**Rated voltage:** 6,3 kV

Irkutsk Oil Company LLC (2018)

**Number of units:**

2 gas turbine power units «Irtys»

**Works on site:**

Erection supervision and commissioning of gas turbine power units





# BOVANENKOVSKOE GAS FIELD

Complete gas turbine power units of blockmodular design

**Drive:** GTU-12PG-2 (UEC-Perm Engines JSC)

**Generator unit:** TC-12-2PYXJ3  
(Elektrotyazhmash-Privod LLC)

**Capacity:** 12 MW

Gazprom добыча Nadym LLC (2022)

**Number of units:**

2 gas turbine power units «Irtysh»

**Works on site:**

Erection supervision and commissioning of gas turbine power units





# RECIPROCATING COMPRESSOR UNITS PROJECTS

No	Site	Name	Customer	Application	Compressor system	Power, MW	P <sub>suct</sub> , MPa	P <sub>d</sub> , MPa	Flow	No of CS	Year of supply
1	Angarsk petrochemical plant Irkutsk region, Russia (Rosneft)	Product hydrogen plant	Angarsky Petrochemical Plant (NK Rosneft JSC)	Hydrogen	Compressor: GE Nuovo Pignone 2HG/2	4	1,93	9,1	110000 normal m <sup>3</sup> /h	3	2013
					Steam turbine: GE Nuovo Pignone SC1-6						
2	Kovykta field Irkutsk Region, Russia (Gazprom)	RCU-006	Gazprom	Membrane gas separation station	Compressor: Ariel JG/4	0,25	0,03	9,8	1100 normal m <sup>3</sup> /h	1	2013
					Electric motor: Siemens						
3	Ust-Kharampur field Tyumen' region, Russia (Rosneft)	RCU-007	NK Rosneft JSC	Field gas utilization	Compressor: Ariel JGJ/4	0,56	0,01	2,8	2400 normal m <sup>3</sup> /h	1	2014
					Electric motor: Siemens						
7	Otradnensk gas treatment plant Samara region, Russia (Rosneft)	RCU-011	Otradnensky Gas Treatment Plant (NK Rosneft JSC)	Gas treatment	Compressor: Ariel JGC/4	1,8	0,55	3,7	18000 normal m <sup>3</sup> /h	2	2014
					Gas engine: Caterpillar G3608						
8	Otradnensk gas treatment plant Samara region, Russia (Rosneft)	RCU-012	Otradnensky Gas Treatment Plant (NK Rosneft JSC)	Gas treatment	Compressor: Ariel JGT/4	1,2	1,7	4,5	23000 normal m <sup>3</sup> /h	2	2014
					Gas engine: Caterpillar G3520						
9	Neftegorsk gas treatment plant Samara region, Russia (Rosneft)	RCU-014	Neftegorsky Gas Treatment Plant (NK Rosneft JSC)	Gas treatment	Compressor: Ariel JGC/4	2,5	0,55	3,7	29000 normal m <sup>3</sup> /h	3	2014
					Electric motor: LOHER DHRL-800LB-06A						
10	Urubcheno-Tohomsk field Krasnoyarsk region, Russia (Rosneft)	RCU-008	Vostsib-neftegaz, JSC for (PJSC Rosneft)	Injection	Compressor: Ariel KBU/6	3,7	0,6	28	23060 normal m <sup>3</sup> /h	12	2015
					Gas engine: Caterpillar G3616 LE						

No	Site	Name	Customer	Application	Compressor system	Power, MW	P <sub>suct</sub> , MPa	P <sub>d</sub> , MPa	Flow	No of CS	Year of supply
11	Kovykta field Irkutsk Region, Russia (Gazprom)	RCU-015	Gazprom Dobycha Irkutsk LLC	Injection	Compressor: Ariel JGK/2	0,4	9	25	8250 normal m <sup>3</sup> /h	3	2015
					Electric motor: Siemens DHSL-500LK-08A						
12	Akyrtobe field (InterGas Central Asia, Kazakhstan)	RCU-002	KazTransGaz JSC	Seal gas booster	Compressor: Ariel JGP/1	0,03	2,5	8,5	230 normal m <sup>3</sup> /h	2	2016
					Electric motor: ELDIN BA225M8FBY 2,5						
13	Pyreynoe gas field Tyumen' region, Russia (Rosneft)	RCU-016	Sibneftegaz, LLC (PJSC Rosneft)	Field gas utilization	Compressor: Ariel KBZ/4	2,7	4,4	11,19	26000 normal m <sup>3</sup> /h	1	2017
					Gas engine: Caterpillar G3612LE						
14	Chinarevskoe gas field (Kazakhstan)	RCU-017	MSI	Field gas utilization	Compressor: Ariel JGJ/6	1	0,3	4,2	12 000 normal m <sup>3</sup> /h	3	2018
					Electric motor: Siemens 1SG645 44JJ80-Z						
16	Beregovoe gas field YNAO Region, Russia (Gazprom)	RCU-018	Gazprom-mash, LLC	Seal gas booster	Compressor: Ariel JGP/1	0,03	5,5	11	1200 normal m <sup>3</sup> /h	2	2019
					Electric motor: ELDIN BA225M8FBY 2,5						
17	Urubcheno-Tohomsk field Krasnoyarsk region, Russia (Rosneft)	RCU-009	Vostsib-neftegaz, JSC (PJSC Rosneft)	Field gas utilization	Compressor: Ariel KBZ/4	3,65	0,5	4,4	41400 normal m <sup>3</sup> /h	1	2020
					Gas engine: Caterpillar G3612						
18	Urubcheno-Tohomsk field Krasnoyarsk region, Russia (Rosneft)	RCU-010	Vostsib-neftegaz, JSC (PJSC Rosneft)	Field gas utilization	Compressor: Ariel KBZ/4	3,5	0,5	4,4	41400 normal m <sup>3</sup> /h	1	2020
					Electric motor: Siemens DHNL-910MC- 06A						
19	Chinarevskoe gas field, 2 stage (Kazakhstan)	RCU-017	MSI	Field gas utilization	Compressor: Ariel JGJ/6	1	0,3	4,2	12000. normal m <sup>3</sup> /h	1	2020
					Electric motor: Siemens 1NB1506- 4AA804AA0-Z						



No	Site	Name	Customer	Application	Compressor system	Power, MW	P <sub>suct</sub> , MPa	P <sub>d</sub> , MPa	Flow	No of CS	Year of supply
20	Ichedinskoe gas field Irkutsk Region, Russia (Gazprom)	RCU-019	Gazprom-mash, LLC for Irkutsk oil company LLC	Fuel and seal gas for Solar Turbines	Compressor: Ariel JGJ/4	0,45	0,3	2,5	4600 normal m <sup>3</sup> /h	1	2020
					Electric motor: ELDIN BA355MLC4BY2,5						
21	Off-shore oil platform Cameroon republic	RCU-020	Perenco Rep S.A.R.L. (France)	Field gas preparation	Compressor: COOPER CFH64	1,4	0,3	8,5	9.417 normal m <sup>3</sup> /h	2	2021
					Electric motor: Nidec CT 500 Y6						
22	Evo-Yahinskoe gas field YNAO Region, Russia	RCU-022	NOVATEK-Yurkharov-neftegaz LLC	Field gas preparation	Compressor: Ariel JGJ/6	1	2,8	7,5	36000 normal m <sup>3</sup> /h	2	2021
					Electric motor: Siemens						
23	Yuzhnaya Tandyrycha (Uzbekistan)	RCU-023	Uzbekneftegaz JSC	Field gas preparation	Compressor: COOPER WH74	1,92	0,2	2,4	1916 normal m <sup>3</sup> /h	3	2021
					Electric motor: Superior SGTD16						
24	Installation «Synthesis gas» (Aerofuels)	RCU-024	RUSOKSO LLC (LLC TZK Aerofuels)	Field gas preparation	Compressor: Burckhardt 2D12	0,32	1,45	17,5	3800 kg/h	1	2022
		RCU-025			Compressor: Burckhardt 2D16	0,56	7,2	32	2600 kg/h	2	
		RCU-026			Compressor: Burckhardt 4M10	0,5	2,95	23,4	2800 kg/h	2	
		RCU-027			Compressor: Burckhardt 2D3.5	0,037	1,39	11,2	370 kg/h	1	
					Electric motor: Siemens						
25	Chinarevskoe gas field (Kazakhstan)	RCU-028	MSI	Field gas utilization	Compressor: Ariel JGJ/6	1	0,3	4,2	12000 m <sup>3</sup> /h	1	2022
					Electric motor: Siemens 1NB1506-4AA804AA0-Z						

No	Site	Name	Customer	Application	Compressor system	Power, MW	P suct, MPa	P d, MPa	Flow	No of CS	Year of supply
26	Kharyaginskoye gas field YNAO Region, Russia	RCU-030	Zarubezhneft-dobycha Kharyaga LLC	Field gas preparation	Compressor: 2SHMB/2 Nuovo Pignone	1	0,28	2,1	10525 kg/h	1	2023
					Electric motor: ABB AND 500 M6R BABM						
27	Harbeyskoye gas field YNAO Region, Russia	RCU-031	NOVATEK-TARKOSALE- NEFTEGAZ LLC	Field gas utilization	Compressor: 2ГМ18-16/7-31 (Penzkompresormash JSC)	0,5	0,79	2,36 ... 3,11	0,016... 0,165 mln m <sup>3</sup> /day	2	2023
					Driver: Electric motor YB3-500-10 (Wolong)						



# YURUBCHENO-TOKHOMSKOYE FIELD

**Reciprocating CUs** in the individual shelters for oil-associated gas compression and further injection into formation

**Drive:** G3616 LE (Caterpillar)

**Compressor:** KBU/6 (Ariel Corp.)

**Capacity:** 3,7 MW

**Discharge pressure:** 28,0 MPa (g)

**Production rate:** 23000 normal m<sup>3</sup>/h

Vostsibneftegaz JSC (2016)  
(NK Rosneft)

**Number of units:**

**12** reciprocating compressor units

**Works on site:**

Erection supervision of the helter, CU units, air-cooling unit of gas and engines, exhaust system, low-voltage package module and ACS.  
Regular reconservation



# CHINAREVSKOYE FIELD (KAZAKHSTAN)

**Reciprocating CUs** of modular construction, ready-to-operate. Reinforcement block and aircooling units of gas with piping are installed outside

**Drive:** 1SG64544JJ80-Z (Siemens)

**Compressor:** JGJ/6 (Ariel Corp.)

**Capacity:** 0,96 MW

**Discharge pressure:** 4,2 MPa (g)

**Production rate:** 12000 normal m3/h

Zhaikmunai LLC (2018)

**Number of units:**

3 reciprocating compressor units

**Works on site:**

Erection supervision of CU units, air-cooling units of gas with piping, commissioning and putting into operation





# PYREINOYE BOOSTER COMPRESSOR STATION

**Ready-to-operate in-frame reciprocating compressor unit** located in the hangar enclosure

**Drive:** G3612 (Caterpillar)

**Compressor:** KBZ/4 (Ariel Corp.)

**Capacity:** 2,64 MW

**Discharge pressure:** 11,20 MPa (g)

**Production rate:** 260 420 normal m<sup>3</sup>/hr

Sibneftegaz LLC (2018)  
(NK Rosneft)

**Number of units:**

1 reciprocating compressor unit

**Works on site:**

Erection supervision of the compressor units, gas air cooler with piping, adjustment and start-up





# CAMEROON REPUBLIC

The first compressor unit for INGC manufactured to meet all the requirements of the Maritime Register for the operation of equipment on the sea shelf

**Ready-to-operate on-frame reciprocating compressor units**

**Drive:** CT 500 Y6 (Nidec)

**Compressor:** CFH64 (COOPER)

**Capacity:** 1,4 MW

**Discharge pressure:** 8,5 MPa (g)

**Production rate:** 9 417 normal m<sup>3</sup>/hr

Perenco Rep S.A.R.L. (2021)  
(France)

**Number of units:**

2 reciprocating compressor units

**Works on site:**

Installation supervision, commissioning,  
commissioning of the facility





# EVO-YAHINSKOYE FIELD

**Reciprocating CUs** of modular construction,  
ready-to-operate

**Drive:** BAO-560-905-4DY2 (Siemens)

**Compressor:** JGJ/6 (Ariel Corp.)

**Capacity:** 1 MW

**Discharge pressure:** 2,8 MPa (g)

**Production rate:** 36000 normal m<sup>3</sup>/h

Novatek-Yurkharovneftegaz LLC (2022)

**Number of units:**

2 reciprocating compressor units

**Works on site:**

Erection supervision of CU units,  
commissioning and putting into operation



# SCREW COMPRESSOR UNITS PROJECTS

No	Site	Name	Customer	Application	Compressor system	Power, MW	P suct, MPa	P d, MPa	Flow	No of CS	Year of supply
1	Neftegorsk gas treatment plant Samara region, Russia (Rosneft)		Neftegorsky GPZ (NK Rosneft JSC)	Gas treatment	Compressor: HAFI	1,8 – 2	0,08 – 2	0,6	21000 normal m <sup>3</sup> /h	2	2014
					Electric motor: Siemens						
2	Neftegorsk gas treatment plant, Samara region, Russia (Rosneft)		Neftegorsky GPZ (NK Rosneft JSC)	Gas treatment	Compressor: Howden WRVi-510	0,85 – 2	0,31 -2	0,6	25500 normal m <sup>3</sup> /h	2	2014
					Electric motor: Siemens						
3	Urubcheno-Tohomsk field, Krasnoyarsk region, Russia (Rosneft)	SCU001	Vostsib-neftegaz, JSC (PJSC Rosneft)	Fuel gas treatment	Compressor: HOWDEN WRVi365/193	1,15	0,1	1,1	5993 normal m <sup>3</sup> /h	4	2018
					Electric motor: Siemens LOHER DNSL-500LM-02A						
4	Povhovskoe gas field Tyumen' region, Russia (Lukoil)	SCU002	Lukoil – Zapadnaya Sibir, LLC	Field gas utilization	Compressor: GEA GRASSO VP-V36S-28	0,132	0,02	0,32	1500 normal m <sup>3</sup> /h	1	2019
					Electric motor: ELDIN 1BAO-450SA-2Y2.5 160 kW/3000 rpm						
5	KINKASI oil field (Congo Republic)	SCU003	Perenco Rep S.A.R.L (France)	Fuel gas booster	Compressor: HOWDEN WRVi 255-110 38	0,45	0,33	1,79	3 350 normal m <sup>3</sup> /h	1	2019
					Electric motor: ABB M3GP						
6	Amur GCC Amur region, Russia	SCU004	Linde GmbH	Ethane Boil Off Compressor	Compressor: Kobelco KS25LX	0,32	0,1	1,04	3 398 normal m <sup>3</sup> /h	1	2021
					Electric motor: ABB						
7	Vostochno-Kapitonovskoye field Orenburg region, Russia	SCU005/1	Orenburgneft JSC	Field gas utilization	Compressor: MAYEKAWA Model: GH250S-M	0,09	0,11	0,7	551,25 normal m <sup>3</sup> /h	2	2022
					Electric motor: Waukesha Model H24SE						
7	Vostochno-Kapitonovskoye field Orenburg region, Russia	SCU005/2	Orenburgneft JSC	Field gas utilization	Compressor: HOWDEN WRVi 255-110 30	0,39	0,65	2,8	3725 normal m <sup>3</sup> /h	3	2022
					Gas engine: Waukesha VGF H24SE						



# POVKHOVSKOYE FIELD

**Screw CU** in block design, full ready-to-operate

**Drive:** 1BAO-450SA-2Y2.5 (ELDIN)

**Compressor:** VP-V36S-28 (GEA Grasso)

**Capacity:** 0,132 MW

**Discharge pressure:** 0,32 MPa (g)

**Production rate:** 1500 normal m<sup>3</sup>/hr

Lukoil-Zapadnaya Siberia LLC (2019)  
(Lukoil)

**Number of units:**

1 screw compressor unit

**Works on site:**

Erection supervision of CU units,  
commissioning and putting into operation





# CONGO REPUBLIC

**Packaged screw CU** on the frame. Outdoor design. Air-cooling unit of gas with piping is installed outside on the frame integral with the unit

**Drive:** M3GP (ABB)

**Compressor:** WRVi 255-110 38 (HOWDEN)

**Capacity:** 0,45 MW

**Discharge pressure:** 1,69...1,80 MPa (g)

**Production rate:** 4228 normal m<sup>3</sup>/hr

Perenco Rep S.A.R.L. (2019)  
(France)

**Number of units:**

**1** screw compressor unit





# AMURSKY GAS CONDENSATE FIELD

**Packaged screw CU** on the frame. Outdoor design

**Drive:** M3KP 355SMB 2 IMB3 (ABB)

**Compressor:** KS25LX (Kobelco)

**Capacity:** 0,32 MW

**Discharge pressure:** 1,04 MPa (g)

**Production rate:** 3 398 normal m<sup>3</sup>/hr

Linde GmbH (2022)  
(SIBUR Holding)

**Number of units:**

**1** screw compressor unit





# VOSTOCHNO-KAPITONOVSKOE FIELD

**Screw CU** low and medium pressure on the frame

## SCU-005/1

**Drive:** ASA 280M-2 (UMEB)

**Compressor:** WRV 204-110 50 (HOWDEN)

**Capacity:** 0,09 MW

**Discharge pressure:** 0,7 MPa (g)

**Production rate:** 551,25 normal m<sup>3</sup>/hr

## SCU-005/2

**Drive:** VGF H24SE (Waukesha)

**Compressor:** WRVi 255-110 30 (HOWDEN)

**Capacity:** 0,39 MW

**Discharge pressure:** 2,8 MPa (g)

**Production rate:** 3725 normal m<sup>3</sup>/hr

Orenburgneft JSC (2022)

**Number of units:**

5 screw compressor units





# COMPONENTS, ASSEMBLIES AND STRUCTURES FOR COMPRESSOR UNITS



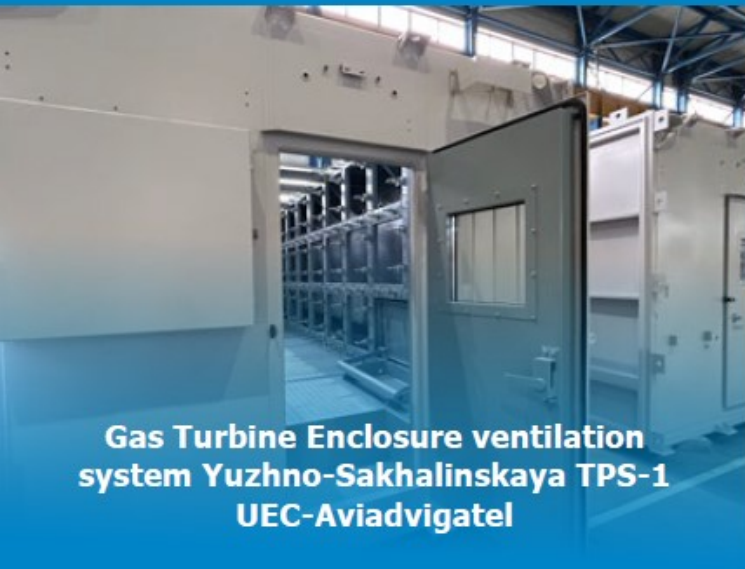
**Gas Turbine Enclosure**  
Lokosovsky gas field  
UEC-Aviadvigatel



**Air intake system**  
Udarnaya electric station  
UEC-Aviadvigatel



**Gas Turbine Enclosure ventilation system**  
Salmanovskoe (Utrennee)  
oil and gas condensate field  
NOVATEK



**Gas Turbine Enclosure ventilation system**  
Yuzhno-Sakhalinskaya TPS-1  
UEC-Aviadvigatel



**Gas separators**  
Novo-Urengoy license area  
ROSPAN INTERNATIONAL



**Exhaust system**  
Chayandinskoye gas field  
Gazpromneft-Zapolyarye



# MAINTENANCE, OVERHAUL







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