

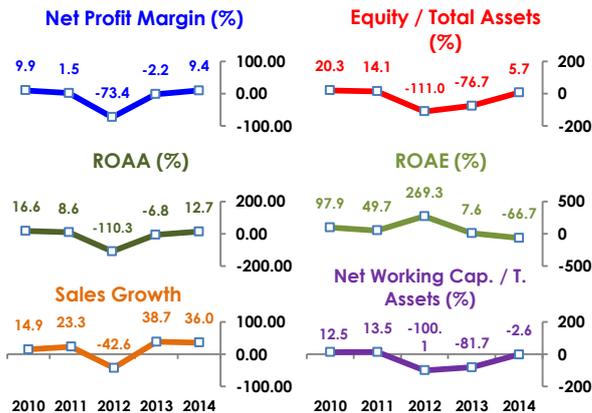
Corporate Credit Rating

EPC - Power Plants

GAMA GÜÇ SİSTEMLERİ MÜHENDİSLİK VE TAAHHÜT A.Ş.		Long Term	Short Term	
International	Foreign currency	BBB-	A-3	
	Local currency	BBB-	A-3	
	Outlook	FC	Stable	Stable
		LC	Stable	Stable
National	Local Rating	BBB+ (Trk)	A-2 (Trk)	
	Outlook	Stable	Stable	
Sponsor Support		2	-	
Stand Alone		B	-	
Sovereign*	Foreign currency	BBB-	-	
	Local currency	BBB-	-	
	Outlook	FC	Stable	-
		LC	Stable	-

\*Assigned by Japan Credit Rating Agency, JCR August 28, 2015

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**Strengths**

- Strong sales growth supported with new EPC contracts in various regions,
- Sufficient profit margin considering the international competition, scope and sophistication of the projects
- Access to foreign credit lines, facilitating procurement of imported key project components and giving a competitive edge in the bidding process,
- Engineering and construction expertise within the Group, whose experience exceeds 50 years
- Established relationships and close ties with global brands, Original Equipment Manufacturers (OEMs) EPCs
- Reputable brand name with a proven track record in various countries,
- Proficient and experienced management and effective internal control mechanisms

**Constraints**

- Excessive leverage level, despite of the cash capital injection by the primary shareholder and parent institution
- Intensive competition among EPC contractors in the key markets such as Middle East
- Pressure to attract and retain top talent and experienced staff, as the employers emphasize top quality
- Uncertainties, conflicts and tensions prevailing in the Middle East, increasing the overall riskiness of the operations and deteriorating the investment sentiment along with short term pressures on Russia, one of the key markets
- Emphasis on the renewable energy production through certain subsidies, while natural gas power plants are no longer promoted through economic incentives

GAMA GÜÇ SİSTEMLERİ MÜH. VE TAAH. A.Ş.					
Financial Data	2014*	2013*	2012*	2011*	2010*
Total Assets (000 USD)	489,039	228,519	185,871	222,630	293,821
Total Assets (000 TRY)	1,140,000	487,728	332,002	422,551	453,953
Equity (000 TRY)	65,197	-374,092	-368,417	59,506	92,230
Net Profit (000 TRY)	100,830	-17,164	-415,529	14,989	79,028
Sales (000 TRY)	1,067,279	784,936	566,118	986,984	800,545
Net Profit Margin (%)	9.45	-2.19	-73.40	1.52	9.87
ROAA (%)	12.65	-6.84	-110.26	8.61	16.57
ROAE (%)	n.m.**	n.m.**	n.m.**	49.71	97.87
Net Working Capital / T. Assets (%)	-2.64	-81.75	-100.12	13.49	12.52
Debt Ratio (%)	94.28	176.70	210.97	85.92	79.68
Asset Growth Rate (%)	133.74	46.90	-21.43	-6.92	-20.61

\* End of year \*\* Not meaningful as average equity is negative

**Overview**

Gama Güç Sistemleri Müh. ve Taah. A.Ş. (hereinafter referred to as GGS or the Company) is an EPC company specialized in power plant contracts, with the total power production capacity of the completed projects exceeding 2 GW. The Company has been founded in 1990 as a subsidiary of Gama Holding, which was initially founded in 1959 as a major civil construction and engineering company operating in several segments of construction works ranging from heavy industry, power generation and infrastructure works.

The Company is awarded contract works in Turkey, Middle East, Europe, North Africa, Russia and CIS countries, indicating a regional reach as an EPC services provider. As a company with engineering and construction capabilities, GGS competes with several global engineering, construction and contracting and EPC solution companies. The Company is specialized in combined cycle gas turbine power plants in particular, in addition to strengths and experiences other types of thermal and steam powered power plants.

As of June 2015, the Company employed a workforce of 6,050, including the subcontractors.

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"Global Knowledge supported by Local Experience"