



GUJARAT ALKALIES AND CHEMICALS LIMITED

Regd. Office : P.O. RANOLI : 391350
DIST. VADODARA, GUJARAT.
e-Mail : cosec@gacl.co.in
www.gacl.com

Board of Directors

Shri Raj Kumar, IAS, Chairman

Shri M K Das, IAS, Director

Shri J P Gupta, IAS, Director

Shri Rajiv Lochan Jain, Independent Director

Shri S B Dangayach, Independent Director

Shri Nitin Shukla, Independent Director

Smt. Shridevi Shukla, Independent Director

Shri Swaroop P. IAS, Managing Director

Shareholding Pattern as on 31st March 2023

Sr. No.	Name	No. of Shares	% of Total Share Capital
1.	Promoters (7 Promoters)	3,39,86,310	46.28
2.	Domestic Institutional Investors (DIIs)	11,07,215	1.51
3.	Foreign Institutional Investors (FIIs)	15,20,479	2.07
4.	Bodies Corporate	2,19,50,746	29.89
5.	Others	1,48,72,178	20.25
Total....		7,34,36,928	100.00

GACL- Basic details

- **Three complexes**
 - **Vadodara, started in 1976**
 - **Dahej – I, started in 1995**
 - **Dahej –II, started in 2022**
- **Major products in Vadodara**
 - **Caustic Soda group, Caustic Potash group, Hydrogen Peroxide, Chloromethanes, Poly Aluminium Chloride**
- **Major products in Dahej**
 - **Caustic Soda group, Hydrogen Peroxide, Phosphoric Acid, Anhydrous Aluminium Chloride, Poly Aluminium Chloride, Sodium Chlorate, Stable Bleaching Powder, Chloromethanes, Hydrazine Hydrate**
- **Other investments**
 - **GIPCL, GCPL (Formerly known as GCPTCL), Gujarat Guardian Ltd and GACL-NALCO Alkalies & Chemicals Pvt. Ltd. (JV Company incorporated by GACL 60% & NALCO 40% share).**

GACL- Basic details

TOLL MANUFACTURING

- ❑ **Chlorinated Paraffin (CPW)**
- ❑ **Anhydrous Aluminium Chloride (ALC)**
- ❑ **Chlorotoluene Products**
 - ❑ **Benzyl Chloride**
 - ❑ **Benzyl Alcohol**
 - ❑ **Benzyldehyde**
- ❑ **171.45 MW Wind Farms at various locations of Kutchh & Saurashtra and 35 MW Solar Power Plant at Charanka Solar Park – Patan & 640 kW (AC) Floating Solar Power Plant on the reservoir of captive power plant & 220 kW (AC) Solar Roof top Installations @ Dahej Complex.**
- ❑ **Started transporting Caustic Soda Lye under multimodal logistics - through Railway Racks as well as through Sea to Eastern & Central India, since Dec.'2014.**

Glimpse of Growth Journey

Projects Commissioned	Present Capacity (MTPA)	Commissioned / Expanded in
Caustic Chlorine Plant (Baroda) Initial Capacity 37,425 MTPA	153,450	1976, 1981, 1984, 1989, 1994
Caustic Chlorine Plant (Dahej) Initial Capacity 143,550 MTPA	432,300	1998, 2007, 2010, 2022
Caustic Potash Plant Initial Capacity 16,500 MTPA	39,600	1994, 2016
Chloromethane Plant (Baroda) Initial Capacity 10,560 MTPA	56,100	1986, 1990, 2007, 2010, 2018
Chloromethane Plant (Dahej)	105,000	2022
Phosphoric Acid Plant Initial Capacity 26,730 MTPA	60,600	1995, 2023
Hydrogen Peroxide Plant Initial Capacity 10,890 MTPA	54,120	1996, 2002, 2007, 2010, 2011, 2012, 2014, 2018

Glimpse of Growth Journey

Projects Commissioned	Present Capacity (MTPA)	Commissioned in
Poly Aluminium Chloride Plant (P18) Initial capacity 41,250 MTPA	73,250	2006, 2008, 2018
Stable Bleaching Powder Plant	30,000	2011, 2020
Anhydrous Aluminium Chloride Plant Initial Capacity 16,500 MTPA	53,700	2008, 2010, 2016, 2020
Sodium Chlorate Plant	20,000	2014
Wind Mill Projects (Various locations)	171.45 MW	2008, 2017
Solar Power Plant	35 MW	2018, 2019
Floating Solar Power Plant @ Dahej Complex	640 kW	2021
Solar Rooftop Installations @ Dahej Complex	220 kW (AC)	2021
Hydrazine Hydrate	10,000	2022

FINANCIAL DETAILS



Figures in Rs. Crores

Sr. No.	Particulars	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Net External Sales Value	2,417.70	3,102.32	2,654.20	2,344.49	3,683.40	4,401.86
2	EBITDA	892.44	1,175.93	667.49	425.62	1,032.56	1,156.74
3	Profit Before Tax (PBT)	750.22	1,015.02	491.62	235.80	828.63	861.19
4	Profit After Tax (PAT)	535.02	689.65	332.84	166.85	561.98	575.70
5	Equity Share Capital	73.44	73.44	73.44	73.44	73.44	73.44
6	General Reserve	2,996.87	3,637.04	3,901.76	4,013.59	4,505.42	4,942.58
7	Net Worth	3,070.31	3,710.48	3,975.20	4,087.03	4,578.86	5,016.02
8	Other Comprehensive Income (OCI)	723.32	566.11	609.51	1,283.13	1,320.80	1,292.29
9	Total Reserves	3,749.19	4,223.22	4,524.07	5,304.15	5,831.01	6,237.02
10	Loans Outstanding	290.63	247.45	204.81	496.92	593.34	595.81

FINANCIAL RATIOS



Sr. No.	Particulars	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Earning per Share (Rs.)	72.85	93.91	45.32	22.72	76.53	78.39
2	Dividend per Share (Rs.)	6.50	8.00	8.00	8.00	10.00	23.55
3	Book Value per Share (Rs.)	418.09	505.26	541.31	556.54	623.51	683.04

Installed Capacity at GACL



As On 30.04.2023

Qty. in MT

PRODUCTS	VADODARA	DAHEJ	TOTAL CAPACITY
Caustic Soda Lye (On 100% Basis)	1,53,450	4,32,300	5,85,750
Caustic Soda Flakes/Prills	53,000	1,65,000	2,18,000
Chloromethane	56,100	1,05,000	1,61,100
Caustic Potash Lye (On 100% Basis)	39,600	-	39,600
Potassium Carbonate	13,200	-	13,200
Hydrogen Peroxide (On 100% Basis)	13,860	40,260	54,120
Phosphoric Acid	-	60,600	60,600
A. Aluminium Chloride (Jobwork/O&M)	9,900	43,800	53,700
Poly Aluminium Chloride	32,000	41,250	73,250
Chlorinated Paraffin (CPW) - (Jobwork)	12,000	-	12,000
Stable Bleaching Powder	-	30,000	30,000
Sodium Chlorate	-	20,000	20,000
Hydrazine Hydrate	-	10,000	10,000

1) Caustic Soda Group

- Caustic Soda Lye
- Caustic Soda Flakes
- Caustic Soda Prills
- Liquid Chlorine
- Hydrochloric Acid
- Compressed Hydrogen Gas
- Sodium Hypochlorite

2) Chloromethanes Group

- Methyl Chloride
- Methylene Chloride
- Chloroform
- Carbon Tetrachloride

3) Caustic Potash Group

- Caustic Potash Lye
- Caustic Potash Flakes
- Potassium Carbonate

4) Phosphoric Group

- Phosphoric Acid (Tech. Grade)
- Food Grade Phosphoric Acid
(Coming Soon)

5) Hydrogen Peroxide Group

- Hydrogen Peroxide

6) Chlorine Derivatives Group

- Anhydrous Aluminium Chloride
- Chlorinated Paraffin

7) Water Treatment Group

- Poly Aluminum Chloride
- Bleachwin
- Scalewin & Biowin
- Stable Bleaching Powder

8) Sodium Chlorate

- Sodium Chlorate

9) Chlorotoluene Group

- Benzyl Alcohol
- Benzyldehyde
- Benzyl Chloride

10) Hydrazine Hydrate

- Hydrazine Hydrate (Coming Soon)

Alkali Industry V/s. GACL Capacity Utilization



Financial Year	Installed Capacity Of Industries	Capacity Utilization Of Industries	Capacity Utilization Of Industries (%)	Capacity Utilization of GACL (%)
2018-19	42,78,219	35,39,066	83%	105%
2019-20	45,44,494	36,05,608	79%	106%
2020-21	47,63,194	35,59,707	75%	101%
2021-22	47,63,194	37,66,621	79%	110%
2022-23	59,39,194	45,61,608	77%	115%

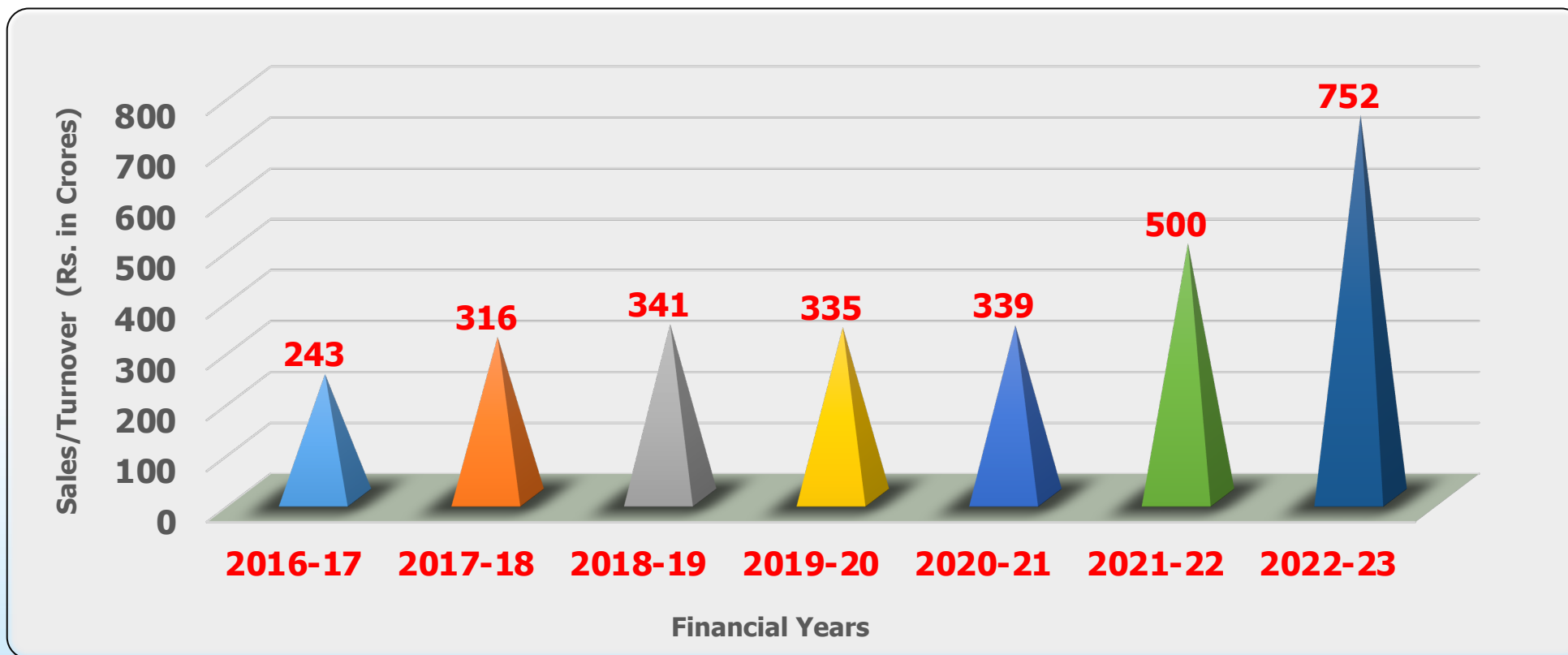
Source: AMAI (Alkali Manufacturers Association of India)

Export Earnings from major Products

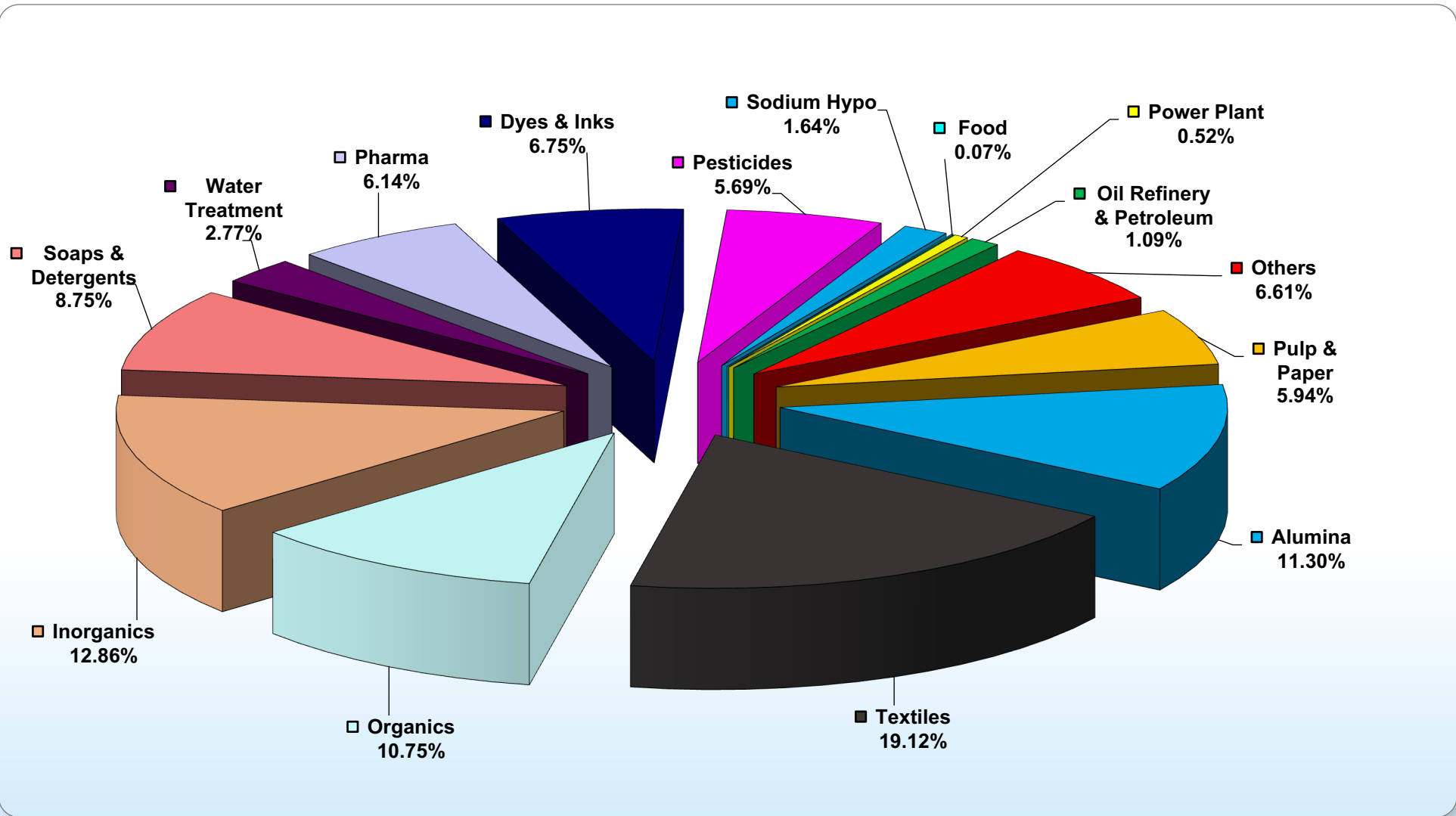


(Rs. In Crores)

FINANCIAL YEAR	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
Export of various products by GACL	243	316	341	335	339	500	752



As On 31.03.2023



Source: AMAI (Alkali Manufacturers Association of India)

GACL- Strategic advantages

Land	Expansion at Dahej in 600 acres of land
Rail connectivity	Across boundary limits at Dahej Complex
Port connectivity	GCPL (Formerly known as GCPTCL) 4 km from Dahej Complex
Dealer network	Strong, with best companies
Clean power	171.45 MW Wind Power (Installed) 35 MW (AC) Solar park (Installed) 640 kW (AC) Floating Solar Power Plant at Dahej 220 kW (AC) Solar Rooftop Installations @ Dahej
Co-promoted companies	GCPL (Formerly known as GCPTCL) – Chemical Port at Dahej
	GIPCL – Power Company at Vadodara
	GNAL – A Joint Venture with NALCO for Caustic Soda Production
Product basket	Multiple products from basic Chemicals to value added chemicals
Customer proximity	Bulk Consumers situated in nearby area

Recently Completed / Ongoing Projects



Projects	Capacity	Cost (Rs. Crs.)	Progress Status as of 20.05.2023
CS New plant with Coal based Power plant (A JV with NALCO)	800 TPD + 130 MW	2300	CS Plant: Commissioned. – 60% Capacity achieved Power Plant: Unit # 1 Commissioned & 90% Capacity achieved Unit # 2 Synchronized on 28 April 23
Chloromethanes Plant at Dahej	300 TPD	850	Commissioned: 15 August 2022 – 70% Capacity achieved
CH-17 Tank Farm		80	Commissioned: 31 August 2022 & in Operation
Hydrazine Hydrate	30 TPD	405.50	Commissioned: 26 September 2022 – Plant is in operations. Technological parameters are being fine-tuned for commercial production.
Caustic Soda expansion at Dahej	525 TPD	550	Commissioned: 20 September 2022 – Overall 70% Capacity achieved.
Phosphoric acid (New)	100 TPD	520	Commissioned: 27 April 2023 & in Operation. Fine-Tuning of Technical parameters for commercial production is in progress.
Coal based power plant at Dahej	65 MW	325	Project is under hold.
Chlorotoluene Project at Dahej	90 TPD	350	Basic Engineering under progress. Civil work started. Overall progress 9 %
	Total...	5380.50	

Thank You

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