



# **GUJARAT ALKALIES AND CHEMICALS LIMITED**

Regd. Office : P.O.PETROCHEMICLAS : 391346  
DIST. VADODARA, GUJARAT.  
[www.gacl.com](http://www.gacl.com)

## Board of Directors

**Shri Anil Mukim, IAS, Chairman**

**Shri Pankaj Joshi, IAS, Director**

**Shri M K Das, IAS, Director**

**Shri Rajiv Lochan Jain, Independent Director**

**Smt. Vasuben Narendrabhai Trivedi, Independent Director**

**Shri S B Dangayach, Independent Director**

**Shri Rohitbhai J Patel, Independent Director**

**Shri P K Gera, IAS (Retd.), Managing Director**

## Shareholding Pattern as on 30<sup>th</sup> June, 2020

Sr. No.	Name	No. of Shares	% of Total Share Capital
1.	<b>Promoters (7 Promoters)</b>	<b>3,39,86,310</b>	<b>46.28</b>
2.	<b>Domestic Institutional Investors (DIIs)</b>	<b>52,46,370</b>	<b>7.14</b>
3.	<b>Foreign Institutional Investors (FIIs)</b>	<b>10,12,529</b>	<b>1.38</b>
4.	<b>Bodies Corporate</b>	<b>2,02,25,772</b>	<b>27.54</b>
5.	<b>Others</b>	<b>1,29,65,947</b>	<b>17.66</b>
<b>Total....</b>		<b>7,34,36,928</b>	<b>100.00</b>

## GACL- Basic details

- **Two complexes**
  - **Vadodara, started in 1976**
  - **Dahej, started in 1995**
- **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**
- **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.**
- ❑ **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
<b>Caustic Chlorine Plant (Baroda)</b> <b>Initial Capacity 37,425 MTPA</b>	<b>153,450</b>	<b>1976, 1981, 1984, 1989, 1994</b>
<b>Caustic Chlorine Plant (Dahej)</b> <b>Initial Capacity 143,550 MTPA</b>	<b>259,050</b>	<b>1998, 2007, 2010</b>
<b>Caustic Potash Plant</b> <b>Initial Capacity 16,500 MTPA</b>	<b>39,600</b>	<b>1994, 2016</b>
<b>Chloromethane Plant</b> <b>Initial Capacity 10,560 MTPA</b>	<b>56,100</b>	<b>1986, 1990, 2007, 2010, 2018</b>
<b>Phosphoric Acid Plant</b>	<b>26,730</b>	<b>1995</b>

## Glimpse of Growth Journey

<b>Projects Commissioned</b>	<b>Present Capacity (MTPA)</b>	<b>Commissioned in</b>
<b>Hydrogen Peroxide Plant Initial Capacity 10,890 MTPA</b>	<b>53,080</b>	<b>1996, 2002, 2007, 2010, 2011, 2012, 2014, 2018</b>
<b>Poly Aluminium Chloride Plant (P18) Initial capacity 41,250 MTPA</b>	<b>73,250</b>	<b>2006, 2008, 2018</b>
<b>Stable Bleaching Powder Plant</b>	<b>30,000</b>	<b>2011, 2020</b>
<b>Anhydrous Aluminium Chloride Plant Initial Capacity 16,500 MTPA</b>	<b>49,450</b>	<b>2008, 2010, 2016, 2020</b>
<b>Sodium Chlorate Plant</b>	<b>19,000</b>	<b>2014</b>
<b>Wind Mill Projects (Various locations)</b>	<b>171.45 MW</b>	<b>2008, 2017</b>
<b>Solar Power Plant</b>	<b>35 MW</b>	<b>2018, 2019</b>

## Financial Details

*Figures in Rs. Crores*

Sr. No.	Particulars	2020-21 (Q1)	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15
1	NET EXTERNAL SALES VALUE	453.11	2,654.20	3,102.32	2,417.70	2,020.25	1,955.97	1,931.81
2	PROFIT BEFORE TAX (PBT)	46.01	491.62	1,015.02	750.22	381.78	262.70	215.48
3	PROFIT AFTER TAX (PAT)	32.00	332.84	689.65	535.02	308.10	219.89	227.86
4	LOANS OUTSTANDING AS AT 30 <sup>TH</sup> JUNE 2020	204.78	204.81	247.45	290.63	353.38	295.39	161.57



# HIGHLIGHTS OF Q1 - F.Y. 2020-21



(Rs. in lakhs)

Sr. No.	Particulars	Standalone				Consolidated			
		Quarter Ended			Year Ended	Quarter Ended			Year Ended
		30/06/2020	31/03/2020	30/06/2019	31/03/2020	30/06/2020	31/03/2020	30/06/2019	31/03/2020
		(Unaudited)	(Audited)	(Unaudited)	(Audited)	(Unaudited)	(Audited)	(Unaudited)	(Audited)
[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	[ 6 ]	[ 7 ]	[ 8 ]	[ 9 ]	[ 10 ]
1	Total Income from Operations	46,961	62,163	74,857	2,72,459	46,961	62,163	74,857	2,72,459
2	Net Profit for the period before Tax	4,601	4,739	22,798	49,162	4,582	4,691	22,789	49,087
3	Net Profit for the period after Tax	3,200	1,188	15,889	33,284	3,181	1,140	15,880	33,209
4	Total Comprehensive Income for the period [ Comprising profit for the period (after tax) and Other Comprehensive Income (after tax) ]	26,173	(9,800)	14,309	37,163	26,154	(9,848)	14,300	37,088
5	Equity Share Capital	7,344	7,344	7,344	7,344	7,344	7,344	7,344	7,344
6	Reserves (excluding Revaluation Reserve) as shown in the Audited Balance Sheet of previous year				4,52,406				4,52,224
7	Earning Per Equity Share (of Rs. 10/- each) : (Before Other Comprehensive Income) (Not Annualised)								
	a) Basic (in Rs.)	4.36	1.62	21.64	45.32	4.33	1.55	21.62	45.22
	b) Diluted (in Rs.)	4.36	1.62	21.64	45.32	4.33	1.55	21.62	45.22

As On 30.06.2020

## Installed Capacity at GACL

PRODUCTS	VADODARA	DAHEJ	TOTAL CAPACITY
Caustic Soda Lye (On 100% Basis)	1,53,450	2,59,050	4,12,500
Caustic Soda Flakes/Prills	53,000	1,65,000	2,18,000
Chloromethane	56,100	-	56,100
Caustic Potash Lye (On 100% Basis)	39,600	-	39,600
Potassium Carbonate	13,200	-	13,200
Hydrogen Peroxide (On 100% Basis)	12,540	40,540	53,080
Phosphoric Acid	-	26,730	26,730
A. Aluminium Chloride (Job work/O&M)	9,900	39,550	49,450
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	-	19,000	19,000

\* Membrane Cell of CSL & CPL are interchangeable & production is optimized as per market requirement

## Alkali Industry V/s. GACL Capacity Utilisation

FINANCIAL YEAR	CAPACITY UTILISATION (ALKALI INDUSTRY)	CAPACITY UTILISATION (GACL)
2011-12	82%	89%
2012-13	81%	85%
2013-14	79%	89%
2014-15	81%	89%
2015-16	85%	90%
2016-17	82%	94%
2017-18	84%	94%
2018-19	85%	105%
2019-20	73%	106%

Source: AMAI (Alkali Manufacturers Association of India)

## Export of major Products

(Rs. In Lakhs)

<b>MAJOR PRODUCTS</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21 (Upto 30.6.20)</b>
Caustic Soda Lye	3,510	3,123	2,367	586
Caustic Soda Flakes/Prills	18,923	18,649	18,619	3,594
Hydrochloric Acid	199	198	194	14
Liquid Chlorine	64	60	19	5
Chloromethane	35	123	179	40
Phosphoric Acid	131	74	93	41
Hydrogen Peroxide (50%)	449	568	551	113
Anhydrous Aluminium Chloride	3,563	5,299	5,590	860
Poly Aluminium Chloride	953	1,112	1,494	410
Benzyl Alcohol	2,841	2,987	2,525	594
Benzyl Chloride	222	855	607	349
Chlorinate Paraffin (CPW)	62	222	301	0
<b>TOTAL</b>	<b>30,952</b>	<b>33,270</b>	<b>32,539</b>	<b>6,606</b>

\* Exports includes Deemed Export

**Presence - India  
Base Chemicals -  
Caustic Soda/Chlorine**



**GACL**



**Aditya Birla/Grasim**



**Others**

## GACL- Strategic advantages

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

## Major Challenges

### 1) Contribution & market share of flagship products

- Ever increasing competition for market share
- Urgent need for expansions
- Highly dependent on a single bulk product i.e. Caustic Soda
- A good product basket but low production capacity of Chlorine based products

### 2) Chlorine disposal – major bottleneck

- Additional in-house consumption to improve capacity utilisation
- Future projects must also have an add-on project to consume chlorine

## Major Challenges

### 3) Very high logistics cost

- Bulk commodity products can't be sustained beyond 500 km, if transported by road,
- Uncompetitive in other distant States,
- Both plants located in Caustic soda surplus State of Gujarat
- Pressure on market share compared to M/s. Grasim, which has country-wide presence

### 4) Optimizing Power cost keeping an eye on the power cost of co-producers

- NG based power plant is costlier than coal based power plants
- Need to look at coal based Power plant
- Focus on Renewable energy to bring down the average price of energy basket



## New Expansion Projects

<b>Projects</b>	<b>Capacity</b>	<b>Cost (Rs. Crs.)</b>	<b>Progress Status as of 25.07.2020</b>
CS New plant with Coal based Power plant (A JV with NALCO)	800 TPD + 130 MW	2000	CS Plant 87% Power Plant 72% (Including Common Infrastructure)
Chloromethanes Plant at Dahej	300 TPD	800	66%
Phosphoric acid (New)	100 TPD	390	12%
Hydrazine Hydrate	30 TPD	405.50	50%
Chlorotoluene Plant at Dahej	120 TPD	120	To be implemented
Caustic Soda expansion at Dahej and Coal base power plant	525 TPD 65 MW	875	12%

# Thank You

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