





# Introduction

Khandsari sugar may be termed as "Cottage Sugar", which is obtained in unrefined crystalline form from small scale sugar industries known as Khandsari units. Khandsari is a type of unrefined raw white sugar made from thickened sugar cane syrup. It is neither bleached nor contains harmful chemicals and additives.

- It is full of minerals and other nutrients, making it a healthier choice than refined, chemically treated sugar.
- Using the right kind of sugars and salt for daily use is the basis of a healthy diet.
- A healthy and nutritious alternative to sugar



India is the birthplace, where the small scale Khandsari (sugar) industry was born and developed into a modern industry. The Khandsari sugar production, which was originally confined to the State of Uttar-Pradesh only, is now spread all over the country. It occupies an important place in the country's sugar economy. Around 45-50% of the total sugar cane produced in the country is absorbed by the Khandsari industry which provides employment to about 2.5 million people.





## **Market Outlook**

With an annual production capacity of over 30 million metric tonne (MMT), the Indian Sugar Industry (ISI) is the second largest producer of sugar in the world. It is also the second largest agro-based industry in the country after cotton. The sugar industry contributes significantly to socio-economic development of the rural population.

Presently sugar is one of the most regulated commodities being subject to quotas, subsidies and import duties in almost every country.

Sugar come in two distinguishable groups; raw sugar and refined sugar. Sugar can be produced from sugar cane or sugar beet. Cane sugar accounts for 80% of all sugar produced in the world, 20% comes from sugar beet. Refined sugar from beets and cane is seen as the same, consequently there is no difference in sugar prices between the two.





## **Demand : Past and Future**

Year	(In Million Metric Tonne)
1990-91	10.93
2000-01	17.18
2001-02	17.88
2002-03	19.88
2003-04	17.50
2004-05	18.50
2005-06	19.65
2006-07	22.70
2007-08	23.80
2008-09	24.95
2009-10	26.00
2010-11	24.40
2011-12	26.30
2012-13	25.80
2013-14	24.90
2014-15	25.30
2015-16	25.45
2016-17	25.62
2017-18	25.80
2018-19	26.00
2019-20	26.20
2024-25	27.60
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The state of Uttar Pradesh (UP) is expected to be the largest producer of sugar in India with its highest production estimate in decades, followed by the state of Maharashtra. In MY 2017/18, an estimated 357 MMT of sugarcane will be produced from 5.0 million hectares with sugar recovery estimated at 11.2 percent vis-à-vis 11 percent for MY 2016/17.

Apart from white crystal sugar, sugarcane is used for manufacturing traditional sweeteners like Khandsari sugar and Jaggery that are mostly consumed in rural areas. About 60% of cane is utilized for the production of sugar, about 30% for alternate sweeteners, namely gur and khandsari and the balance 10% for seeds.





## **Consumption:**

Out-year sugar consumption is forecast at 27.5 MMT. A strong demand from bulk buyers, food processors', quick service restaurants, sweet meat shops, households, a growing population, rising income and changing food consumption patterns should 2 Except for Maharashtra state which received good monsoon rains in the post-2017 monsoon season. Support higher consumption in the out-year. Bulk users account for two-third of total sugar consumption in India. In addition to the above, most khandsari sugar is consumed by local sweet shops and gur is mostly consumed in rural households for food, and feed use as well.



# World Sugar Production, Imports, Exports and Consumption

(In Million Metric Tonne)				
Year	Production	Imports	Exports	Consumption
2009-10	153.40	48.30	48.30	154.40
2010-11	161.90	49.30	53.90	155.50
2011-12	172.20	48.50	55.00	159.20
2012-13	177.50	51.70	54.50	164.50
2013-14	175.70	50.50	55.90	167.50
2014-15	174.30	51.60	54.20	170.60
2015-16 *	173.40	52.90	55.80	173.40



The sugar industry in India has witnessed a growth in recent years on account of rising number of sugar factories in the country as well as the increasing sugarcane yield in the country. The surge in growth of the industry is majorly originated from the rising sugar demand by the consumers as well as the institutional sector and also forms the increasing expenditure on food and beverages.

Indian sugar industry is highly fragmented with organized and unorganized players. The unorganized players mainly produce Gur and Khandari, the less refined forms of sugar. The industry plays a vital role in the economic development of rural areas as they generate large-scale direct employment besides providing indirect employment to rural population. The sugar industry provides livelihood to more than 4 crores sugar cane grower's factory workers and others.



Sugar industry in India occupies a distinctive position in the economic and social fabric of the economy. It is playing a pivotal role especially in the upliftment of the rural economy.

Future Growth of India sugar market is expected to be led by increasing sugarcane yield, rising demand of sugar by the consumers and increasing sugar recovery rate. The sugar industry in India has witnessed a growth in recent years on account of rising number of sugar factories in the country as well as the increasing sugarcane yield in the country. The surge in growth of the industry is majorly originated from the rising sugar demand by the consumers as well as the institutional sector and also forms the increasing expenditure on food and beverages.



# **Cost Estimation:**

Plant Capacity:	<b>4.2 Tonnes/Day</b>
Plant & Machinery:	21 Lakhs
Working Capital:	37 Lakhs
<b>Total Capital Investment (T.C.I):</b>	88 Lakhs
<b>Return of Return (ROR):</b>	35.25%
Breakeven Point (BEP):	61.50%



## **Major Queries/Questions Answered in the Report?**

- 1. What is Khandsari Sugar Processing industry?
- 2. How has the Khandsari Sugar Processing industry performed so far and how will it perform in the coming years ?
- 3. What is the Project Feasibility of Khandsari Sugar Processing Plant ?
- 4. What are the requirements of Working Capital for setting up Khandsari Sugar Processing plant ?



5. What is the structure of the Khandsari Sugar Processing Business and who are the key/major players ?

- 6. What is the total project cost for setting up Khandsari Sugar Processing Business?
- 7. What are the operating costs for setting up Khandsari Sugar Processing plant ?
- 8. What are the machinery and equipment requirements for setting up Khandsari Sugar Processing plant?



- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Khandsari Sugar Processing plant?
- 10. What are the requirements of raw material for setting up Khandsari Sugar Processing plant ?
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up Khandsari Sugar Processing Business?
- 12. What is the Manufacturing Process of Khandsari Sugar?



13. What is the total size of land required for setting up Khandsari Sugar Processing plant ?

14. What will be the income and expenditures for Khandsari Sugar Processing Business?

- 15. What are the Projected Balance Sheets of Khandsari Sugar Processing plant ?
- 16. What are the requirement of utilities and overheads for setting up Khandsari Sugar Processing plant?
- 17. What is the Built up Area Requirement and cost for setting up Khandsari Sugar Processing Business?



18. What are the Personnel (Manpower) Requirements for setting up Khandsari Sugar Processing Business?

**19. What are Statistics of Import & Export for Khandsari Sugar?** 

20. What is the time required to break-even of Khandsari Sugar Processing Business?

21.What is the Break-Even Analysis of Khandsari Sugar Processing plant?

22.What are the Project financials of Khandsari Sugar Processing Business?



- 23. What are the Profitability Ratios of Khandsari Sugar Processing Project?
- 24. What is the Sensitivity Analysis-Price/Volume of Khandsari Sugar Processing plant?
- 25. What are the Projected Pay-Back Period and IRR of Khandsari Sugar Processing plant?
- 26. What is the Process Flow Sheet Diagram of Khandsari Sugar Processing project?



27. What are the Market Opportunities for setting up Khandsari Sugar Processing plant?

28. What is the Market Study and Assessment for setting up Khandsari Sugar Processing Business?

**29.** What is the Plant Layout for setting up Khandsari Sugar Processing Business?



# Table of Contents<br/>of the<br/>Project Report



#### 1. **PROJECT LOCATION**

- 1.1. City Profile & Geotechnical Site Characterization
- 1.1.1. General
- 1.1.2. Geography and Climate
- 1.1.3. Map
- 1.1.4. Transport
- 1.1.5. Economy

#### 2. INTRODUCTION

#### 3. USES & APPLICATIONS

- 3.1. Khandsari Sugar
- 3.2. Product Uses & Applications

#### 4. **PROPERTIES OF SUGAR**

- 4.1. Raw Sugar
- 4.2. Properties of Sugars

#### 5. MARKET SURVEY

- 5.1. Sugar
- 5.2. Market Structure

#### 6. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES

- 6.1. About Financial Statements of CMIE Database
- 6.2. Profits & Appropriations
- 6.3. Total Liabilities



- 6.4. Total Assets
- 6.5. Net Cash Flow from Operating Activities
- 6.6. Section I
- 6.6.1. Name of Company with Contact Details
- 6.6.2. Name of Director(S)
- 6.6.3. Plant Capacity
- 6.6.4. Location of Plant
- 6.6.5. Name of Raw Material(S) Consumed with Quantity & Cost
- 6.7. Section II
- 6.7.1. Assets
- 6.7.2. Cash Flow
- 6.7.3. Cost as % Ge of Sales
- 6.7.4. Forex Transaction
- 6.7.5. Growth in Assets & Liabilities
- 6.7.6. Growth in Income & Expenditure
- 6.7.7. Income & Expenditure
- 6.7.8. Liabilities
- 6.7.9. Liquidity Ratios
- 6.7.10. Profitability Ratio
- 6.7.11. Profits
- 6.7.12. Return Ratios
- 6.7.13. Structure of Assets & Liabilities (%)
- 6.7.14. Working Capital & Turnover Ratios

#### 7. PRESENT MANUFACTURERS

#### 8. RAW MATERIALS & OTHER SPECIFICATIONS



#### 9. PROCESS OF MANUFACTURE

- 9.1. Process Flow Diagram
- **10. SUPPLIERS OF PLANT & MACHINERY**
- **11. SUPPLIERS OF RAW MATERIAL**
- **12. PLANT LAYOUT**
- **13. PRODUCT, MACHINERY & RAW MATERIAL PHOTOGRAPHS**
- 13.1. Raw Material Photographs
- 13.2. Machinery Photographs

#### 14. QUOTATION OF PLANT, MACHINERY AND EQUIPMENTS FROM SUPPLIER



# **Project Financials**

•	Project at a Glance	Annexure
•	Assumptions for Profitability workings	1
•	Plant Economics	2
•	Production Schedule	3
•	Land & Building. Factory Land & Building Site Development Expenses	4



	Plant & Machinery
•	Other Fixed Assets
•	Working Capital Requirement Per Month



•	<b>Overheads Required Per Month and Per Annum</b>
	Utilities & Overheads (Power, Water and Fuel Expenses etc.)
	Royalty and Other Charges
	Selling and Distribution Expenses

•	Salary and Wages	9
•	Turnover Per Annum	10
•	Share Capital	11
	Equity Capital	





- Annexure 1 :: Cost of Project and Means of Finance
- Annexure 2 :: Profitability and Net Cash Accruals
- Revenue/Income/Realisation
- Expenses/Cost of Products/Services/Items
- Gross Profit
- Financial Charges
- Total Cost of Sales
- Net Profit After Taxes
- Net Cash Accruals



## • Annexure 3 :: Assessment of Working Capital requirements

- Current Assets
- Gross Working Capital
- Current Liabilities
- Net Working Capital
- Working Note for Calculation of Work-in-process
- Annexure 4 :: Sources and Disposition of Funds





## • Annexure 5 :: Projected Balance Sheets

- ROI (Average of Fixed Assets)
- RONW (Average of Share Capital)
- ROI (Average of Total Assets)
- Annexure 6 :: Profitability Ratios
- **D.S.C.R**
- Earnings Per Share (EPS)
- Debt Equity Ratio



• Annexure 7 :: Break-Even Analysis

- Variable Cost & Expenses
- Semi-Variable/Semi-Fixed Expenses
- Profit Volume Ratio (PVR)
- Fixed Expenses / Cost
- **B.E.P**



• Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume

- Resultant N.P.B.T
- Resultant D.S.C.R
- Resultant PV Ratio
- Resultant DER
- Resultant ROI
- Resultant BEP



- Annexure 12 :: Shareholding Pattern and Stake Status
- Equity Capital
- Preference Share Capital
- Annexure 13 :: Quantitative Details-Output/Sales/Stocks
- Determined Capacity P.A of Products/Services
- Achievable Efficiency/Yield % of Products/Services/Items
- Net Usable Load/Capacity of Products/Services/Items
- Expected Sales/ Revenue/ Income of Products/ Services/ Items



- **Product wise Domestic Sales** Annexure 14 •• Realisation
- **Total Raw Material Cost** Annexure 15 ••
- **Raw Material Cost per unit** Annexure 16 ::
- Annexure 17
- Annexure 18 ::
- Annexure 19 •••

- **Total Lab & ETP Chemical Cost** •••
  - **Consumables, Store etc.** 
    - **Packing Material Cost**
- **Packing Material Cost Per Unit** Annexure 20 •••



Annexure 21 •••

•••

•••

•••

::

- Annexure 22 •••
- Annexure 23
- Annexure 24 •••
- Annexure 25
- Annexure 26
- Annexure 27
- Annexure 28 •••

- **Employees Expenses** 
  - **Fuel Expenses** 
    - **Power/Electricity Expenses**
  - **Royalty & Other Charges** 
    - **Repairs & Maintenance Expenses**
    - **Other Manufacturing Expenses**
    - **Administration Expenses**
- **Selling Expenses**



• Annexure 29 :: Depreciation Charges – as per Books (Total)

• Annexure 30 :: Depreciation Charges – as per Books (P & M)

- Annexure 31 :: Depreciation Charges as per IT Act WDV (Total)
- Annexure 32 :: Depreciation Charges as per IT Act WDV (P & M)
- Annexure 33 :: Interest and Repayment Term Loans
- Annexure 34 :: Tax on Profits
- Annexure 35 :: Projected Pay-Back Period and IRR



# **Reasons for Buying our Report:**

- This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product
- This report provides vital information on the product like it's characteristics and segmentation
- This report helps you market and place the product correctly by

identifying the target customer group of the product



• This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials

- The report provides a glimpse of government regulations applicable on the industry
- The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions





- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report



### Scope of the Report

The report titled "Market Survey cum Detailed Techno Economic Feasibility Report on Khandsari Sugar." provides an insight into Khandsari Sugar market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Khandsari Sugar project. The report assesses the market sizing and growth of the Indian Khandsari Sugar Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:



- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Khandsari Sugar sector in India along with its business prospects. Through this report we have identified Khandsari Sugar project as a lucrative investment avenue.



# Tags

#Khandsari Sugar Plant Cost, #How\_is\_Khandsari\_Made, #Khandsari\_Sugar\_Project\_Report, #Khandsari Sugar Factory, #Khandsari\_Sugar\_Project\_Report\_Pdf, #Khandsari\_Sugar\_Plant, #Project Report on Khandsari Sugar, Indian Sugar Industry, Sugar Processing, Khandsari Production, Manufacture of Khandsari Sugar, Khandsari Sugar, Manufacture of Sugar, Sugar Production, Sugar Manufacturing, Khandsari Industry, Khandsari Sugar Processing, Sugar Processing Industry, Muscovado, Project Report on Khandsari manufacturing Industry, #Detailed Project Report on Khandsari Sugar Processing, Project Report Khandsari on Production. #Pre Investment Feasibility Study on Khandsari Sugar Processing, Techno-Economic feasibility study Khandsari Production, on #Feasibility\_report\_on\_Khandsari\_Sugar\_Processing, Free Project Profile on Khandsari Sugar Processing, Project profile on Khandsari Sugar Processing, Download free project profile on Khandsari Sugar Processing, Cottage Sugar Industry, Khandsari Sugar Making Plant, Sugar Processing Plant, Process for Manufacture of Khandsari Sugar, Sugar Manufacturing Process, Sugar Manufacturing Industry in India, Sugar Manufacturing Process Flow Chart, Sugar Manufacturing Process from Sugarcane PPT, Sugar Manufacturing Process Pdf, Sugar Manufacturing Process Flow Diagram Pdf, Sugar Production Process, Sugar Industry Business Plan



# Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Khandsari Sugar Processing Industry. Khandsari Sugar (Raw Unprocessed Sugar) Factory

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NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.



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The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects......<u>Read more</u>



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- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad



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- We use authentic & reliable sources to ensure business precision



# **Our Approach**

**Requirement collection** 

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

**Report Compilation** 



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