

The Pakistan Credit Rating Agency Limited

Rating Report

Orient Petroleum Inc. (Pakistan Branch)

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| Rating History | | | | | | |
|--------------------|------------------|-------------------|---------|----------|--------------|--|
| Dissemination Date | Long Term Rating | Short Term Rating | Outlook | Action | Rating Watch | |
| 21-Dec-2023 | A- | A2 | Stable | Maintain | - | |
| 21-Dec-2022 | A- | A2 | Stable | Maintain | - | |
| 22-Dec-2021 | A- | A2 | Stable | Maintain | - | |
| 22-Dec-2020 | A- | A2 | Stable | Initial | - | |

Rating Rationale and Key Rating Drivers

Pakistan's E&P segment, including 10 domestic and 14 foreign companies, operates with 24 rigs actively deployed for drilling with ~124 active exploration licenses as of FY22 by the Ministry of Energy and Petroleum. There is an average of ~3 wells per 1,000 sq. km for exploratory acreage. Currently, ~1,114 exploration wells and ~1,484 appraisal/development well drilled as of Dec-21. Oil production and Gas production in Pakistan stood at 81,496bbl per day and 3,403mmcfd per day, respectively. Orient Petroleum Inc. ('Orient' or 'the Company') drives its strength from its Group companies that include Orient Petroleum Pty Limited (OPPL), Zaver Petroleum Corporation (ZPCL), OPI Gas (Pvt.) Limited and Hashwani Hotels Limited (HHL) which owns and operate chain of Marriott hotels in Pakistan. Orient is engaged in the exploration, development and production of oil and natural gas reserves. Currently, the Company holds a working interest in six production lease agreements - Ratana, Dhurnal, Bhangali, Sinjhoro, Mehar & Sofiya - and eight exploration licenses - namely Sakhi Sarwar, Marwat, Harani South, Saruna, Kohlu, Sinjhoro, Waziristan & Mehar block. Recent discovery in Waziristan block is the major breakthrough for the Company. In Waziristan Block Company holds 10% non-operated working interest. Furthermore, the Company successfully secured plant rental agreement for two years, where the Company shall provide its plant on a rental basis to Waziristan block along with its operations and management. The Company achieved growth of 78% in its top line which is mainly attributable to a conducive business environment in E&P sector worldwide. On the operational front, Orient production reports identified crude oil, gas & LPG production of 153,234bbl; 2,505mmbtu and 6,811MT, respectively, from Jul-22 to Jun-23. Overall, the Company's business margins posted growth. However, net margins remain low due to higher interest cost along with exchange loss. The Company drives strength from risk-adjusted recoverable reserves both from its production and development and exploration assets. As conceived, increase in volumes, going forward, will lead to better profitability. However, executional strategies and expected synergies remain crucial. On the financial risk front, the Company is adequately leveraged, with a moderate working capital cycle. However, coverages remain strong. Going forward, financial discipline along with better governance framework remains pivotal for the ratings.

The ratings are dependent on the sustained relative positioning of the Company. Volatility in topline and profitability remains key concerns. The ratings would take positive benefit from the increase in volumes handled by the Company. However, financial discipline along with the sponsor's support are imperative to ratings, while maintaining the coverage ratios.

| Disclosure | | |
|------------------------------|--|--|
| Name of Rated Entity | Orient Petroleum Inc. (Pakistan Branch) | |
| Type of Relationship | Solicited | |
| Purpose of the Rating | Entity Rating | |
| Applicable Criteria | Methodology Corporate Rating(Jul-23),Methodology Correlation Between Long-term & Short-term Rating Scales(Jul-23),Methodology Rating Modifiers(Apr-23) | |
| Related Research | Sector Study Oil Marketing Companies(Nov-22) | |
| Rating Analysts | Faiqa Qamar faiqa.qamar@pacra.com +92-42-35869504 | |



Oil Exploration & Production

The Pakistan Credit Rating Agency Limited

Profile

Legal Structure Orient Petroleum Inc. ('the Company' or 'Orient Petroleum') is incorporated in Cayman Islands. The Company operates in Pakistan through its branch office in Islamabad.

Background Occidental Pakistan Inc., a USA-based organization, has been working in Pakistan's oil and gas exploration segment since 1979. In five years, the Company made Pakistan's largest oil discovery from its Dhurnal field in Potwar Basin, Punjab. The discovery had over 150mln barrels of oil and produced over 22,000 barrels of oil per day. In 1995, Hashoo Group ('the Group') acquired Occidental Pakistan Inc and renamed it to Orient Petroleum Inc.

Operations Orient Petroleum is engaged in the exploration, development, production and sale of crude oil, natural gas and liquefied petroleum gas (LPG). The Company operates eight exploration licenses and six development and production blocks in Pakistan.

Ownership

Ownership Structure The Group owns the Company through its two holding companies, Zaver Petroleum (~55%) and First Global Investment Holding Ltd (~45%). Stability Since ownership resides with the sponsoring Group, thus, ownership is deemed stable, going forward.

Business Acumen The Group holds stakes in multiple business segments like hospitality, oil & gas exploration and production. The business acumen of the Sponsors - Mr. Hassan Ai Hashwani - and the ability to channel and execute the defined business strategies remain incomparable.

Financial Strength The Group holds considerable financial footing to support the Company in destress, if needs be.

Governance

Board Structure The Board comprises four members, two Executives and two Non-Executive Directors. Both, Non-Executive Directors are from the Sponsoring family. **Members' Profile** Mr. Sadrud-din-Hashwani, the founder and Chairman of the Group, provides guidance with over 43 years of experience. All members of BoD have substantial experience in the relevant domain.

Board Effectiveness The Board is actively involved in the supervision and oversight of management to make informed decisions, leading to the entity achieving its objectives, and supported by the technical advisory committee, comprising Executive Directors. The Board conducts regular meetings with majority attendance to discuss various aspects of the Company.

Financial Transparency External Auditors of the Company, M/s Grant Thornton Anjum Rahman, has expressed an unqualified opinion on financial statements as of Dec

Management

Organizational Structure The Company's operations are bifurcated into Reservoir Engineering, Exploration, Surface Operations, Drilling, Petroleum Engineering, Finance, Admin, MIS, HR, Internal Audit and Procurement & Supply Chain. All Departmental heads report to the CEO, who then reports to the BoD.

Management Team Mr. Kamran Ahmed, the CEO of Orient Petroleum, has more than 3 decades of experience in investment banking and the oil & gas industry. Mr. Kamran's has been a part of Shell Pakistan and Islamic Investment Bank Ltd and an integral part of the Group for two decades. He leads a team of seasoned professionals.

Effectiveness The Company's management is crucial in empowering the operational team to attain targeted results and ensuring adherence to a systematic decision-making process. However, no committees exist at the management level.

MIS Oracle ERP has been implemented at Orient Petroleum, which provides real-time end-to-end integrated solution for all operations including financial, purchasing, inventory, HRMS, allocation, payroll and approval management system. OPI has a dedicated team of professionals for in-house development, customization and maintenance of Oracle applications for Oil & Gas specific requirements.

Control Environment The Company has placed an effective internal audit department forming SoPs and ensuring their compliance. The department directly reports to the Board.

Business Risk

Industry Dynamics In Pakistan, 10 domestic and 14 Foreign companies are operating with 24 rigs actively deployed for drilling, ~124 active exploration licenses as of FY22. Pakistan has an average of ~3 wells per 1,000 sq. km of exploratory acreage. Currently, ~1,114 exploration wells and 1,484 appraisal/development well drilled as of Dec'21. Oil production and Gas production in Pakistan stood at 81,496 Barrels of oil per day and 3,403 million cubic feet per day respectively. Exploration and production of hydrocarbons require high levels of capital expenditures and is a high-risk venture.

Relative Position At present, there are 14 foreign and 10 local companies operating in Pakistan. Market share is dominated by state-owned Oil and Gas Development Company Limited (OGDCL). The other large-tier competitor companies comprise Pakistan Petroleum Limited, Mari Petroleum Limited and Pakistan Oil Field etc. Midtier companies include MOL and Orient Petroleum Inc.

Revenues The Company's revenue mix comprises Condensate ~45% followed by Gas ~32%, LPG ~15% and Crude oil ~8%. During CY22, the Company observed ~78% growth in the topline (CY22: ~PKR 5,223mln, CY21: ~PKR 2,936mln). The increase is linked to higher volumetric sales coupled with an increase in output pricing. Further, during 6MCY23, the topline of the Company surged to ~PKR 3,117mln.

Margins During CY22, the gross margin of the Company stood at ~76% (CY21: ~74%) due to an increase in the output (oil and gas) prices in the international market. The trickle-down impact was observed in the operating margins which surged to ~39% during CY22 (CY21: ~29%). Owing to high finance cost, exchange translation loss and deferred taxation during CY22, the Company reported a net loss of ~PKR 741mln during CY22 (CY21: ~PKR 277mln). During 6MCY23, the gross margin of the Company stood at ~74%, the operating profit margin of the Company surged to ~39%, whereas, the net profit margin of the Company stood at ~40%.

Sustainability The management is proactively addressing previous security concerns to resume operations in the Marwat block recognizing its potential to significantly boost the Company's performance.

Financial Risk

Working Capital In CY22, the Company experienced an increase in net working capital days reaching to ~84 days (CY21: ~52 days). This surge was primarily attributed to a high trade receivable days (CY22: ~146 days, CY21: ~136 days). Conversely, trade payable days decreased to ~63 days in CY22 from ~84 days in CY21. In 6MCY23, net working capital days continued to rise, reaching around ~123 days, driven by high trade receivables. The Company's trade receivables increased to ~PKR 3,412mln, resulting in an extension of trade receivables days to ~184 days. In contrast, trade payable days were reduced to ~61 days. During CY22, the short-term financing of the Company surged by 95% (CY22: PKR 862mln, CY21: PKR 442mln) due to stretched working capital. Orient maintains Short term trade leverage of 35% in CY22 (CY21: -10%). During 6MCY23 the Company's short-term borrowings stood at ~PKR 263mln.

Coverages The Company's cash flows are linked to profitability. The internal cash generation, primarily stemming from hydrocarbon sales and income from deposits, effectively fulfills the Company's liquidity needs. As at CY22, the free cash flow from operations (FCFO) experienced a notable increase, surging to ~PKR 3,377mln, marking a growth of about ~99% (CY21: ~PKR 1,699mln). This enhancement in FCFO contributed to an improved interest coverage ratio, reaching ~2.9x in CY22 (CY21: ~2.4x). In 6MCY23, interest coverage ratio of the company stood at ~2.4x.

Capitalization The Company's capital structure exhibited fluctuating patterns, with the debt-to-equity ratio at ~43% as of CY22 (CY21: ~37%). The uptake in the debt-to-equity ratio is primarily attributed to the rise in long-term borrowings, reaching around ~PKR 2,240mln as of CY22 (CY21: ~PKR 2,240mln). The short-term borrowings amounted to ~PKR 862mln as of CY22 (CY21: ~PKR 442mln). The Company equity decreased to ~PKR 5,295mln as of CY22 (CY21: ~PKR 6,560mln), with the decline linked to a reduction in revaluation surplus. As of 6MCY23, the debt-to-equity ratio increased to ~54%, while equity saw an increase to around ~PKR 5,791mln.



Financial Summary

| The Pakistan Credit Rating Agency Limited | Financial Summary | | | | |
|---|-------------------|--------------|----------------|------------|--|
| Orient Petroleum Inc. | Jun-23 | Dec-22 | PKR mln Dec-21 | Dec-20 | |
| Oil Exploration & Production | 6M | 12M | 12M | 12M | |
| BALANCE SHEET | | | | | |
| 1 Non-Current Assets | 19,054 | 18,042 | 16,131 | 11,983 | |
| 2 Investments | 17,054 | 10,042 | 10,131 | 11,703 | |
| 3 Related Party Exposure | 1,782 | 1,898 | 1,930 | 2,190 | |
| 4 Current Assets | 8,882 | 6,646 | 4,016 | 3,518 | |
| a Inventories | 14 | 14 | 15 | 6 | |
| b Trade Receivables | 3,412 | 2,860 | 1,309 | 866 | |
| 5 Total Assets | 29,718 | 26,585 | 22,077 | 17,691 | |
| 6 Current Liabilities | 5,698 | 6,080 | 3,465 | 2,756 | |
| a Trade Payables | 1,192 | 895 | 912 | 444 | |
| 7 Borrowings | 6,732 | 4,004 | 3,804 | 3,509 | |
| 8 Related Party Exposure | - | - | - | - | |
| 9 Non-Current Liabilities | 11,498 | 11,207 | 8,247 | 7,18 | |
| 10 Net Assets | 5,791 | 5,295 | 6,560 | 4,24 | |
| 11 Shareholders' Equity | 5,791 | 5,295 | 6,560 | 4,240 | |
| INCOME STATEMENT | | | | | |
| 1 Sales | 3,117 | 5,223 | 2,936 | 2,385 | |
| a Cost of Good Sold | (796) | (1,227) | (758) | (782 | |
| 2 Gross Profit | 2,321 | 3,996 | 2,178 | 1,602 | |
| a Operating Expenses | (1,091) | (1,956) | (1,318) | (1,16 | |
| 3 Operating Profit | 1,230 | 2,040 | 860 | 43 | |
| a Non Operating Income or (Expense) | 775 | (606) | (192) | (4. | |
| 4 Profit or (Loss) before Interest and Tax | 2,005 | 1,434 | 668 | 39 | |
| a Total Finance Cost | (758) | (1,170) | (705) | (68. | |
| b Taxation 6 Net Income Or (Loss) | 1,247 | (1,005) | 314 277 | 970 679 | |
| | 1,217 | (/11) | 217 | 077 | |
| C CASH FLOW STATEMENT | | | | | |
| a Free Cash Flows from Operations (FCFO) | 2,035 | 3,371 | 1,695 | 1,24. | |
| b Net Cash from Operating Activities before Working Capital Changes | 2,035 | 3,382 | 1,701 | 1,25. | |
| c Changes in Working Capital | (422) | (7) | 168 | 130 | |
| 1 Net Cash provided by Operating Activities | 1,614 | 3,375 | 1,869 | 1,39 | |
| 2 Net Cash (Used in) or Available From Investing Activities | (1,609) | (3,125) | (2,128) | (82) | |
| 3 Net Cash (Used in) or Available From Financing Activities 4 Net Cash generated or (Used) during the period | 2,135 2,140 | (8) | (238) | (2,04: | |
| 4 Net Cash generated of (Osed) during the period | 2,140 | 242 | (238) | (1,47) | |
| RATIO ANALYSIS | | | | | |
| 1 Performance a Sales Growth (for the period) | 19.4% | 77.9% | 23.1% | -21.5% | |
| b Gross Profit Margin | 74.5% | 76.5% | 74.2% | 67.2% | |
| c Net Profit Margin | 40.0% | -14.2% | 9.4% | 28.5% | |
| d Cash Conversion Efficiency (FCFO adjusted for Working Capital/Sales) | 51.8% | 64.4% | 63.5% | 58.0% | |
| e Return on Equity [Net Profit Margin * Asset Turnover * (Total Assets/Sh | 45.0% | -12.5% | 5.1% | 14.4% | |
| 2 Working Capital Management | | | | | |
| a Gross Working Capital (Average Days) | 184 | 147 | 136 | 155 | |
| b Net Working Capital (Average Days) | 123 | 84 | 52 | 77 | |
| c Current Ratio (Current Assets / Current Liabilities) | 1.6 | 1.1 | 1.2 | 1.3 | |
| 3 Coverages | | | | | |
| a EBITDA / Finance Cost | 2.4 | 2.9 | 2.4 | 1.8 | |
| | 2.0 | 1.4 | 1.2 | 0.7 | |
| b FCFO / Finance Cost+CMLTB+Excess STB | 2.0 | *** | | | |
| b FCFO / Finance Cost+CMLTB+Excess STB c Debt Payback (Total Borrowings+Excess STB) / (FCFO-Finance Cost) | 2.0 2.5 | 1.6 | 3.4 | 5.7 | |
| | | | 3.4 | 5.7 | |
| c Debt Payback (Total Borrowings+Excess STB) / (FCFO-Finance Cost) 4 Capital Structure a Total Borrowings / (Total Borrowings+Shareholders' Equity) | 2.5 53.8% | 1.6 43.1% | 36.7% | 45.3% | |
| c Debt Payback (Total Borrowings+Excess STB) / (FCFO-Finance Cost) 4 Capital Structure | 2.5 | 1.6 | | | |



Corporate Rating Criteria

Scale

Credit Rating

Credit rating reflects forward-looking opinion on credit worthiness of underlying entity or instrument; more specifically it covers relative ability to honor financial obligations. The primary factor being captured on the rating scale is relative likelihood of default.

| | Long-term Rating | | | |
|----------------|---|--|--|--|
| Scale | Definition | | | |
| AAA | Highest credit quality. Lowest expectation of credit risk. Indicate exceptionally strong capacity for timely payment of financial commitments | | | |
| AA+ | | | | |
| AA | Very high credit quality. Very low expectation of credit risk. Indicate very strong capacity for timely payment of financial commitments. This capacity is not significantly vulnerable to foreseeable events. | | | |
| AA- | | | | |
| A + | | | | |
| A | High credit quality. Low expectation of credit risk. The capacity for timely payment of financial commitments is considered strong. This capacity may, nevertheless, be vulnerable to changes in circumstances or in economic conditions. | | | |
| <u>A</u> - | | | | |
| BBB+ | | | | |
| ввв | Good credit quality. Currently a low expectation of credit risk. The capacity for timel payment of financial commitments is considered adequate, but adverse changes in circumstances and in economic conditions are more likely to impair this capacity. | | | |
| BBB- | | | | |
| BB+ | Moderate risk. Possibility of credit risk developing. There is a possibility of credit risk | | | |
| ВВ | developing, particularly as a result of adverse economic or business changes over time; however, business or financial alternatives may be available to allow financial commitments to be met. | | | |
| BB- | Commitments to be medi | | | |
| \mathbf{B} + | | | | |
| В | High credit risk. A limited margin of safety remains against credit risk. Financial commitments are currently being met; however, capacity for continued payment is contingent upon a sustained, favorable business and economic environment. | | | |
| B- | | | | |
| CCC | Very high credit risk. Substantial credit risk "CCC" Default is a real possibility. | | | |
| CC | Capacity for meeting financial commitments is solely reliant upon sustained, favorable business or economic developments. "CC" Rating indicates that default of some kind appears probable. "C" Ratings signal imminent default. | | | |
| C | appears probable. C. Ratings signal infinitient default. | | | |
| D | Obligations are currently in default. | | | |

Short-term Rating Scale **Definition** The highest capacity for timely repayment. A1+ A strong capacity for timely **A1** repayment. A satisfactory capacity for timely repayment. This may be susceptible to **A2** adverse changes in business. economic, or financial conditions An adequate capacity for timely repayment. **A3** Such capacity is susceptible to adverse changes in business, economic, or financial The capacity for timely repayment is more susceptible to adverse changes in business, economic, or financial conditions. Liquidity may not be sufficient.



*The correlation shown is indicative and, in certain cases, may not hold.

Outlook (Stable, Positive, Negative, Developing) Indicates the potential and direction of a rating over the intermediate term in response to trends in economic and/or fundamental business/financial conditions. It is not necessarily a precursor to a rating change. 'Stable' outlook means a rating is not likely to change. 'Positive' means it may be raised. 'Negative' means it may be lowered. Where the trends have conflicting elements, the outlook may be described as 'Developing'.

Rating Watch Alerts to the possibility of a rating change subsequent to, or, in anticipation of some material identifiable event with indeterminable rating implications. But it does not mean that a rating change is inevitable. A watch should be resolved within foreseeable future, but may continue if underlying circumstances are not settled. Rating watch may accompany rating outlook of the respective opinion.

Suspension It is not possible to update an opinion due to lack of requisite information. Opinion should be resumed in foreseeable future. However, if this does not happen within six (6) months, the rating should be considered withdrawn.

Withdrawn A rating is withdrawn on a) termination of rating mandate, b) the debt instrument is redeemed, c) the rating remains suspended for six months, d) the entity/issuer defaults., or/and e) PACRA finds it impractical to surveill the opinion due to lack of requisite information.

Harmonization A change in rating due to revision in applicable methodology or underlying scale.

Surveillance. Surveillance on a publicly disseminated rating opinion is carried out on an ongoing basis till it is formally suspended or withdrawn. A comprehensive surveillance of rating opinion is carried out at least once every six months. However, a rating opinion may be reviewed in the intervening period if it is necessitated by any material happening.

Note. This scale is applicable to the following methodology(s):

- a) Broker Entity Rating
- b) Corporate Rating
- c) Debt Instrument Rating
- d) Financial Institution Rating
- e) Holding Company Rating
- f) Independent Power Producer Rating
- g) Microfinance Institution Rating
- h) Non-Banking Finance Companies Rating

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Regulatory and Supplementary Disclosure

(Credit Rating Companies Regulations, 2016)

Rating Team Statements

(1) Rating is just an opinion about the creditworthiness of the entity and does not constitute recommendation to buy, hold or sell any security of the entity rated or to buy, hold or sell the security rated, as the case may be | Chapter III; 14-3-(x)

2) Conflict of Interest

- i. The Rating Team or any of their family members have no interest in this rating | Chapter III; 12-2-(j)
- ii. PACRA, the analysts involved in the rating process and members of its rating committee, and their family members, do not have any conflict of interest relating to the rating done by them | Chapter III; 12-2-(e) & (k)
- iii. The analyst is not a substantial shareholder of the customer being rated by PACRA [Annexure F; d-(ii)] Explanation: for the purpose of above clause, the term "family members" shall include only those family members who are dependent on the analyst and members of the rating committee

Restrictions

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- (4) PACRA does not disclose or discuss with outside parties or make improper use of the non-public information which has come to its knowledge during business relationship with the customer | Chapter III; 10-7-(d)
- (5) PACRA does not make proposals or recommendations regarding the activities of rated entities that could impact a credit rating of entity subject to rating | Chapter III; 10-7-(k)

Conduct of Business

- (6) PACRA fulfills its obligations in a fair, efficient, transparent and ethical manner and renders high standards of services in performing its functions and obligations; | Chapter III; 11-A-(a)
- (7) PACRA uses due care in preparation of this Rating Report. Our information has been obtained from sources we consider to be reliable but its accuracy or completeness is not guaranteed. PACRA does not, in every instance, independently verifies or validates information received in the rating process or in preparing this Rating Report | Clause 11-(A)(p).
- (8) PACRA prohibits its employees and analysts from soliciting money, gifts or favors from anyone with whom PACRA conducts business | Chapter III; 11-A-(q)
- (9) PACRA ensures before commencement of the rating process that an analyst or employee has not had a recent employment or other significant business or personal relationship with the rated entity that may cause or may be perceived as causing a conflict of interest; | Chapter III; 11-A-(r) (10) PACRA maintains principal of integrity in seeking rating business | Chapter III; 11-A-(u)
- (11) PACRA promptly investigates, in the event of a misconduct or a breach of the policies, procedures and controls, and takes appropriate steps to rectify any weaknesses to prevent any recurrence along with suitable punitive action against the responsible employee(s) | Chapter III; 11-B-(m)

Independence & Conflict of interest

- (12) PACRA receives compensation from the entity being rated or any third party for the rating services it offers. The receipt of this compensation has no influence on PACRA's opinions or other analytical processes. In all instances, PACRA is committed to preserving the objectivity, integrity and independence of its ratings. Our relationship is governed by two distinct mandates i) rating mandate signed with the entity being rated or issuer of the debt instrument, and fee mandate signed with the payer, which can be different from the entity
- (13) PACRA does not provide consultancy/advisory services or other services to any of its customers or to any of its customers' associated companies and associated undertakings that is being rated or has been rated by it during the preceding three years unless it has adequate mechanism in place ensuring that provision of such services does not lead to a conflict of interest situation with its rating activities; | Chapter III; 12-2-(d)
- (14) PACRA discloses that no shareholder directly or indirectly holding 10% or more of the share capital of PACRA also holds directly or indirectly 10% or more of the share capital of the entity which is subject to rating or the entity which issued the instrument subject to rating by PACRA; | Reference Chapter III; 12-2-(f)
- (15) PACRA ensures that the rating assigned to an entity or instrument is not be affected by the existence of a business relationship between PACRA and the entity or any other party, or the non-existence of such a relationship | Chapter III; 12-2-(i)
- (16) PACRA ensures that the analysts or any of their family members shall not buy or sell or engage in any transaction in any security which falls in the analyst's area of primary analytical responsibility. This clause shall, however, not be applicable on investment in securities through collective investment schemes. | Chapter III; 12-2-(l)
- (17) PACRA has established policies and procedure governing investments and trading in securities by its employees and for monitoring the same to prevent insider trading, market manipulation or any other market abuse | Chapter III; 11-B-(g)

Monitoring and review

- (18) PACRA monitors all the outstanding ratings continuously and any potential change therein due to any event associated with the issuer, the security arrangement, the industry etc., is disseminated to the market, immediately and in effective manner, after appropriate consultation with the entity/issuer; | Chapter III | 17-(a)
- (19) PACRA reviews all the outstanding ratings periodically, on annual basis; Provided that public dissemination of annual review and, in an instance of change in rating will be made; | Chapter III | 17-(b)
- (20) PACRA initiates immediate review of the outstanding rating upon becoming aware of any information that may reasonably be expected to result in downgrading of the rating; | Chapter III | 17-(c)
- (21) PACRA engages with the issuer and the debt securities trustee, to remain updated on all information pertaining to the rating of the entity/instrument; Chapter III | 17-(d)

Probability of Default

(22) PACRA's Rating Scale reflects the expectation of credit risk. The highest rating has the lowest relative likelihood of default (i.e., probability). PACRA's transition studies capture the historical performance behavior of a specific rating notch. Transition behavior of the assigned rating can be obtained from PACRA's Transition Study available at our website. (www.pacra.com). However, actual transition of rating may not follow the pattern observed in the past; | Chapter III | 14-3(f)(vii)

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