EXHIBIT 01 / SAUDI ELECTRICITY · 2026–2027 / INDEPENDENT RESEARCH

24 November 2026

Saudi electricity tariffs in 2027: how the new fixed charge and slabs change business bills

Breaker capacity becomes a material cost even when consumption falls.

From January, a business bill combines metered electricity with a monthly charge tied to the approved breaker. Its category and breaker size determine how much it can save by reducing purchases from the grid.

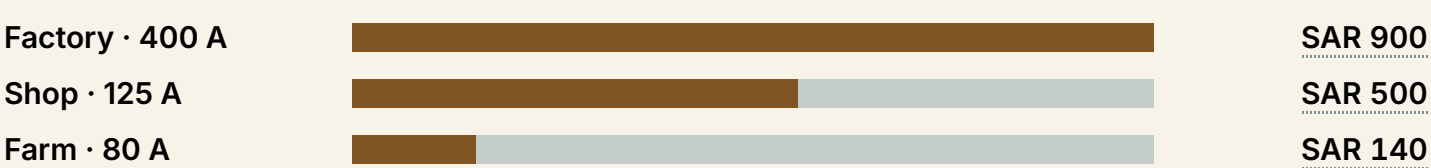
SAR 900

Monthly fixed charge for an ordinary industrial or commercial meter with an approved breaker of 300 A or more.



Fixed charge for three illustrative meters

SAR per 30-day billing month · sample breaker sizes, published rates



Sources · Saudi Energy · tariff adjustment announcement, 25 October 2026 · Saudi Energy · current electricity consumption tariff, standard sector table · Saudi Energy · adjusted tariff, effective 1 January 2027, sector tables

EXHIBIT 02 / OFFICIAL ENERGY RATES

Industrial customers move to 23 halalas per kWh on either network

Standard consumption tariffs · halalas per kWh · 100 halalas = SAR 1

Customer class	Monthly block	Through 31 Dec 2026	From 1 Jan 2027
Industrial	All kWh	20	23
Commercial	First 6,000 kWh	22	25
Commercial	Above 6,000 kWh	32	35
Agricultural	First 6,000 kWh	18	19
Agricultural	Above 6,000 kWh	22	23

Crossing a slab changes the rate on the next kWh

A shop using 9,000 kWh in a 30-day month pays the first-block rate on 6,000 kWh and the upper rate on 3,000 kWh. Only the upper block receives the higher rate.

Read the category on the meter account

Use the registered industrial, commercial or agricultural class. Separately approved electricity-intensive or other special tariffs need their own calculation. The adjusted standard industrial schedule explicitly covers transmission and distribution connections.

Sources · Saudi Energy · current electricity consumption tariff, standard sector table · Saudi Energy · adjusted tariff, effective 1 January 2027, sector tables · Saudi Energy · tariff adjustment announcement, 25 October 2026

EXHIBIT 03 / APPROVED BREAKER CAPACITY

An industrial or commercial meter starts at SAR 350 a month

2027 fixed charge · SAR per 30-day billing month · approved amperage, per meter

Approved breaker	Industrial	Commercial	Agricultural
20 to <100 A	350	350	140
100 to <200 A	500	500	160
200 to <300 A	700	700	180
300 A or more	900	900	200

The old meter service fee drops out

SERA's existing monthly meter-service bands are SAR 10 at 20–<100 A, 15 at 100–<200 A, 21 at 200–<300 A, 22 at 300–<400 A, 25 at exactly 400 A and 30 above 400 A. The new fixed charge replaces that fee.

A meter at the threshold enters the next band

A 200 A shop pays SAR 700 per 30-day month. A capacity reduction affects the fee from the day the utility implements it. A bill spanning January can show charges from both schedules for their respective periods.

The published table starts at 20 A. For other meter arrangements, confirm the approved service capacity with Saudi Energy. The examples exclude VAT, arrears and one-off charges.

Sources · SERA · Electricity Service Guide, Appendix 5, Table 3, p. 78 · Saudi Energy · adjusted tariff, effective 1 January 2027, sector tables · Saudi Energy · adjustment FAQs, meter service and billing periods

EXHIBIT 04 / THREE ILLUSTRATIVE BILLS

The shop has the highest fixed share of the three example bills

SAR per 30-day period · identical consumption before and after · energy + fixed or old meter fee

Illustrative account	2026 bill	2027 bill	Increase	2027 fixed share
Factory · 400 A 60,000 kWh	12,000 + 25 = **12,025**	13,800 + 900 = **14,700**	2,675	6.1%
Shop · 125 A 9,000 kWh	2,280 + 15 = **2,295**	2,550 + 500 = **3,050**	755	16.4%
Farm · 80 A 8,000 kWh	1,520 + 10 = **1,530**	1,600 + 140 = **1,740**	210	8.0%

Factory · a higher energy rate adds to the breaker charge

At 60,000 kWh, the three-halalas increase adds SAR 1,800. The meter fee moves from SAR 25 to SAR 900, adding SAR 875. Together the changes add SAR 2,675 for the month.

Fixed costs weigh more heavily on the shop

The shop pays SAR 500 fixed on a SAR 3,050 bill. The farm pays SAR 140 on SAR 1,740. The fixed share rises when grid purchases fall.

CALCULATION

Bill = sum of kWh in each block × SAR/kWh + the applicable monthly charge.
Fixed share = new fixed charge ÷ total new bill before tax.

Sources · Saudi Energy · current electricity consumption tariff, standard sector table · Saudi Energy · adjusted tariff, effective 1 January 2027, sector tables · SERA · Electricity Service Guide, Appendix 5, Table 3, p. 78 · Saudi Energy · adjustment FAQs, meter service and billing periods

EXHIBIT 05 / COMMERCIAL SENSITIVITY / ILLUSTRATIVE FACTORY

Solar payback falls from 13.3 to 11.4 years in the factory case

Hypothetical investment · simple payback, no export revenue and no change to approved breaker

Model input or output	Current standard tariff	2027 standard tariff
PV installation and capital cost	100 kWp · SAR 360,000	Same
Self-consumed annual output	150,000 kWh	150,000 kWh
Avoided industrial energy rate	SAR 0.20/kWh	SAR 0.23/kWh
Annual gross bill savings	SAR 30,000	SAR 34,500
Annual maintenance (assumed)	SAR 3,000	SAR 3,000
Net annual cash saving	SAR 27,000	SAR 31,500

PAYBACK AT THE SAME LOAD

Payback = capital cost ÷ annual net savings. SAR 360,000 ÷ 27,000 = 13.3 years at the current rate. SAR 360,000 ÷ 31,500 = 11.4 years at the adjusted rate.

Why the fixed charge contributes no saving

The factory keeps its existing approved breaker. The calculation holds both tariffs constant within their scenarios and assumes all generation offsets simultaneous load. Financing, degradation, replacements and export credits would change the result.

Sources · Saudi Energy · current electricity consumption tariff, standard sector table · Saudi Energy · adjusted tariff, effective 1 January 2027, sector tables · Saudi Energy · adjustment FAQs, meter service and billing periods

EXHIBIT 06 / LOAD MANAGEMENT AND PV CONNECTION

Match solar production to the expensive kWh the site actually buys

Solar can cross a slab

For the illustrative shop, 3,500 kWh of self-consumed solar cuts grid purchases from 9,000 to 5,500 kWh. Savings under the 2027 schedule are (3,000 × SAR 0.35) + (500 × SAR 0.25) = SAR 1,175. The SAR 500 fixed charge remains.

Moving demand to another hour

Under the standard monthly schedules, shifting load within a billing period leaves the energy charge unchanged if total imported kWh and approved capacity stay the same. Moving a process into solar hours can increase self-consumption.

Small-scale PV connection	What the business should obtain
1 · Confirm the connection route	Check site eligibility with the distributor and appoint a qualified consultant or contractor. Submit the preliminary enquiry and proposed capacity.
2 · Secure technical approval	Submit the signed application, site and electrical drawings, equipment conformity and protection design. Obtain design approval and connection terms.
3 · Inspect, meter and commission	Complete installation and testing, arrange inspection and the appropriate meter, and obtain permission to operate. Confirm the settlement terms for any export.

Sources · Saudi Energy · adjusted tariff, effective 1 January 2027, sector tables · SERA · small-scale solar PV regulatory framework, section 7 · Saudi Electricity Company · small-scale PV connection guidelines

EXHIBIT 07 / DECISION AND DILIGENCE / BEFORE JANUARY

Rebuild one bill per meter before approving a solar or breaker change

01 Engineering · verify the service you need

Read the approved breaker capacity in the Saudi Energy app or monthly bill. Record maximum simultaneous demand, motor starts and planned expansion before proposing a reduction.

02 Procurement · price implementable changes

Obtain the connection or capacity-change terms and a design from a qualified PV contractor. Request the expected output against the site's operating hours, installed cost and ongoing service charge.

03 Commercial · budget the first full month

Confirm the account class. Build a 30-day budget from monthly kWh and breaker capacity, then compare it to the first full invoice under the new schedule. Adjust for billing days on the actual bill.

WHAT WOULD CHANGE THE CONCLUSION

An approved special tariff, lower self-consumption or a completed reduction in breaker capacity changes the savings. An application or a lower daytime peak alone does not change the approved capacity.

Sources · Saudi Energy · current electricity consumption tariff, standard sector table · Saudi Energy · adjusted tariff, effective 1 January 2027, sector tables · Saudi Energy · adjustment FAQs, meter service and billing periods · SERA · small-scale solar PV regulatory framework, section 7

EXHIBIT 08 / OPERATING IMPLICATIONS / RESEARCH NOTES

Use the first January invoice to verify the site budget

DECISION

Budget the fixed amount by approved meter capacity and value each avoided kWh at the slab it displaces.

Method

Saudi Energy published the adjustment on 25 October 2026 for service from 1 January 2027. Its current and adjusted sector tables supply the kWh rates. SERA's Electricity Service Guide supplies the earlier meter-service charges. The sources are online tables except where a document section is specified.

Scope of the evidence

Examples use ordinary sector tariffs, 30-day periods and unchanged approved capacity. Consumption, breaker selections, PV generation and cost are hypothetical. Amounts exclude VAT and exceptional charges. Simple payback is in years.

Source documents

Open the links below or select this report's full source register in the Renewable Vision · industrial report library. Undated documents carry the access date of 24 November 2026.

Sources · Saudi Energy · current electricity consumption tariff, standard sector table · Saudi Energy · adjusted tariff, effective 1 January 2027, sector tables · Saudi Energy · tariff adjustment announcement, 25 October 2026 · Saudi Energy · adjustment FAQs, meter service and billing periods · SERA · Electricity Service Guide, Appendix 5, Table 3, p. 78 · SERA · small-scale solar PV regulatory framework, section 7 · Saudi Electricity Company · small-scale PV connection guidelines