

2022 & 2023

# Analytical Report on Sponge Iron Production in Iran

# گزارش تحلیلی تولید آهن اسفنجی در ایران



خدمات نظارت بر شارژ کاتالیست



مشاوره و تحقیقات بازار



خدمات بازرسی کاتالیست



پلتفرم تحلیلی ایران کاتالیست  
خدمات تخصصی صنعت فولاد



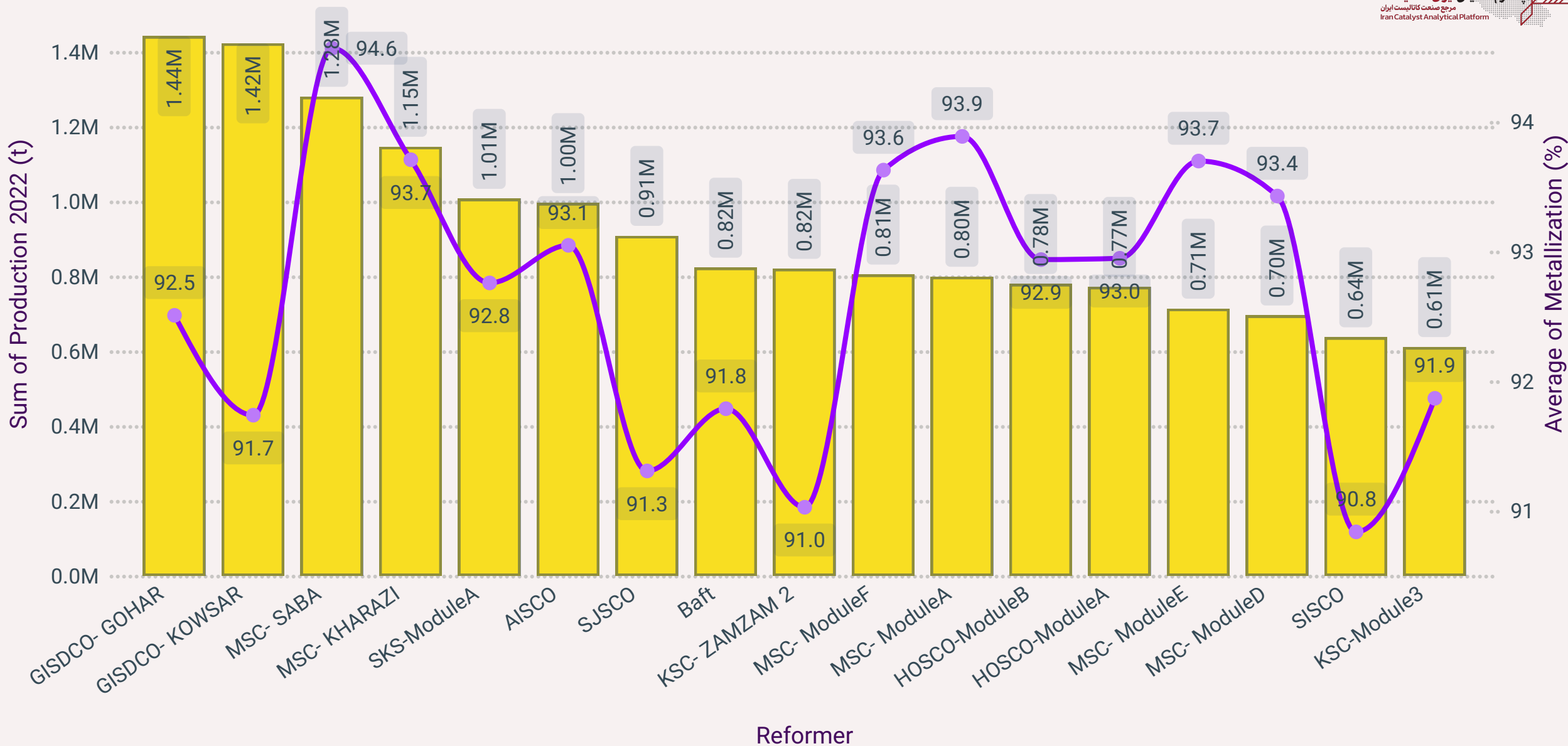
Reformer



Reformer	Sum of Number of Tubes	Sum of Diameter of Tubes (mm)	Sum of Rows	Sum of Bays	Sum of Feed Gas Preheat °C	Sum of Combustion Air Preheat °C	Sum of Natural Gas Preheat °C	Sum of Furnace Diameter (m)	Sum of Effective Reduction Zone Volume (m3)	Sum of Reduction Zone Height (m)
GISDCO- GOHAR	540	257	6	18	580	675	400	6.65	422.00	10.50
GISDCO- KOWSAR	540	267	6	18	580	675	400	6.50	422.00	10.50
KSC- ZAMZAM 2	504	200	6	14	550	625	305	5.60	275.00	9.56
SISCO	504	200	6	14	418	600	375	5.50	264.30	9.75
SJSCO	504	200	6	14	520	600	380	5.65	264.30	9.75
SKS-ModuleA	504	200	6	14	520	625	350	5.65	286.00	10.00
MSC- KHARAZI	480	250	6	16	560	670	370	6.65	429.00	10.70
MSC- SABA	480	250	6	16	560	670	370	6.60	429.00	10.70
AISCO	468	200	6	13	500	600	400	5.50	264.30	9.75
HOSCO-ModuleA	468	225	6	13	540	600	380	6.65	280.00	9.75
HOSCO-ModuleB	468	225	6	13	510	600	380	6.65	280.00	9.75
MSC- ModuleF	468	225	6	13	418	600	375	5.65	280.00	9.75
MSC- ModuleA	432	200	6	12	418	600	375	5.50	264.30	9.75
MSC- ModuleD	432	200	6	12	418	600	375	5.50	264.30	9.75
MSC- ModuleE	432	200	6	12	418	600	375	5.50	264.30	9.75
KSC-Module3	324	200	4	9	409	540	180	5.00	201.20	9.00
Baft	270	260	6	9	575	630	360	5.50	350.00	14.80

# Sum of Production (t) and Average of Metallization (%) by Reformer

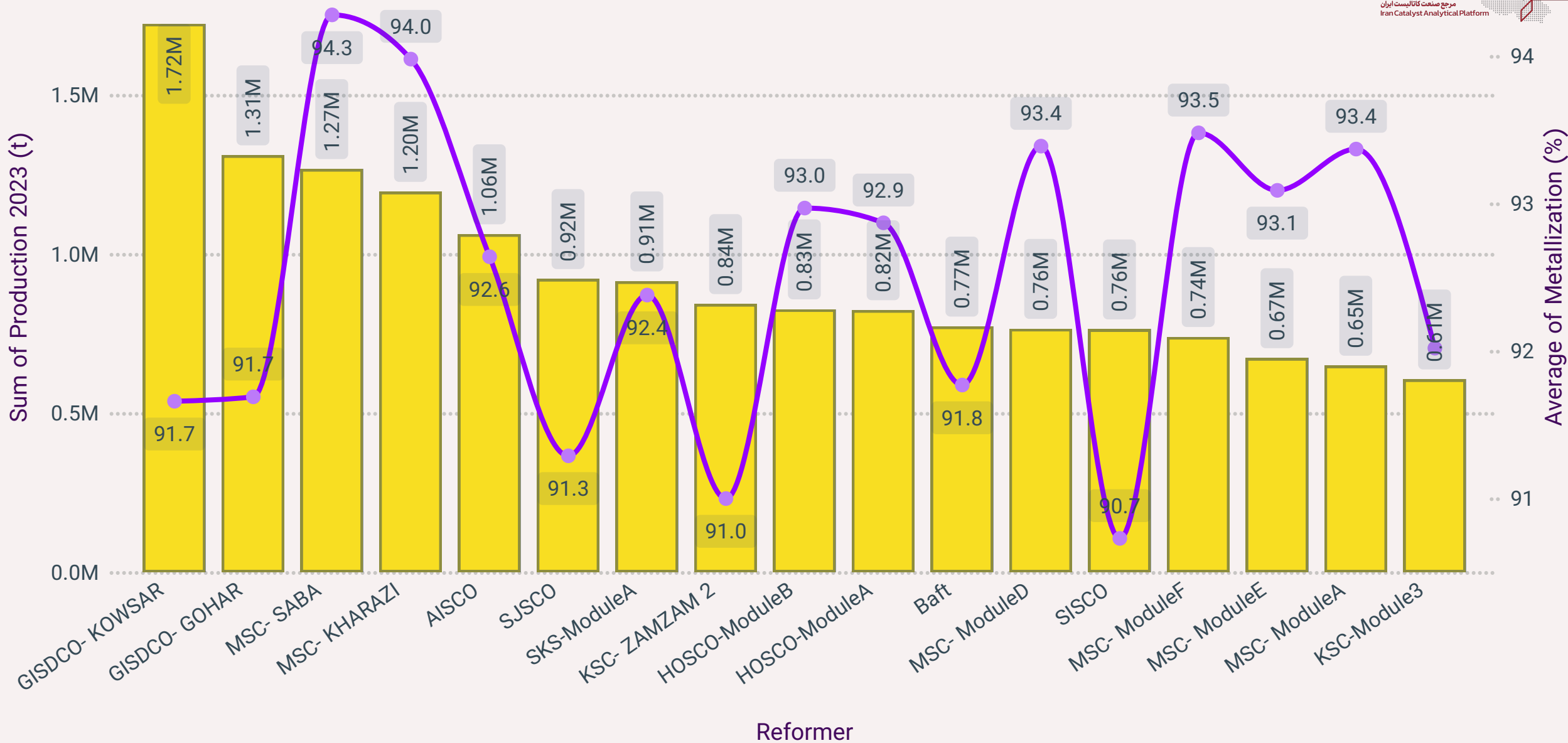
● Sum of Production 2022 (t) ● Average of Metallization (%)





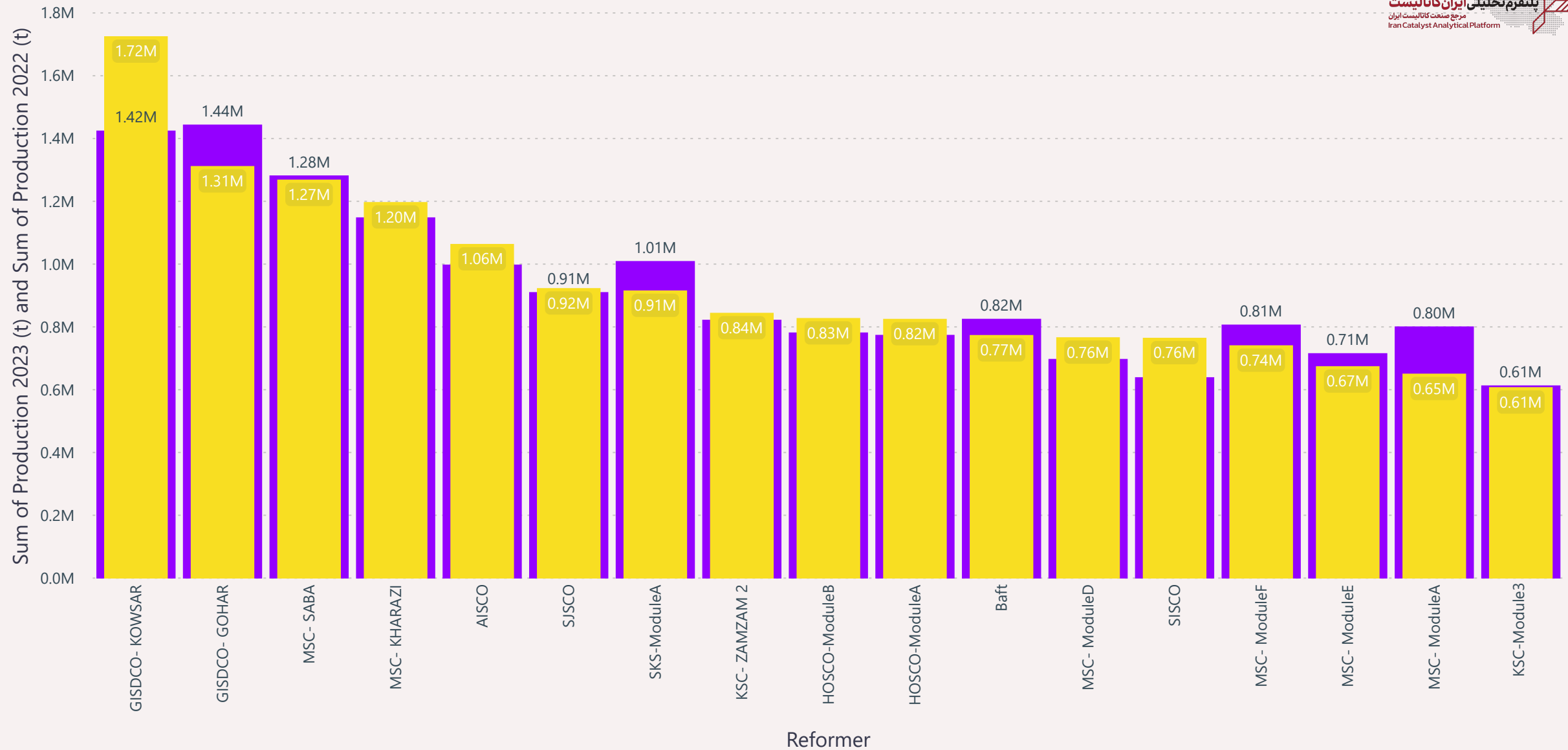
# Sum of Production (t) and Average of Metallization (%) by Reformer

● Sum of Production 2023 (t) ● Average of Metallization (%)



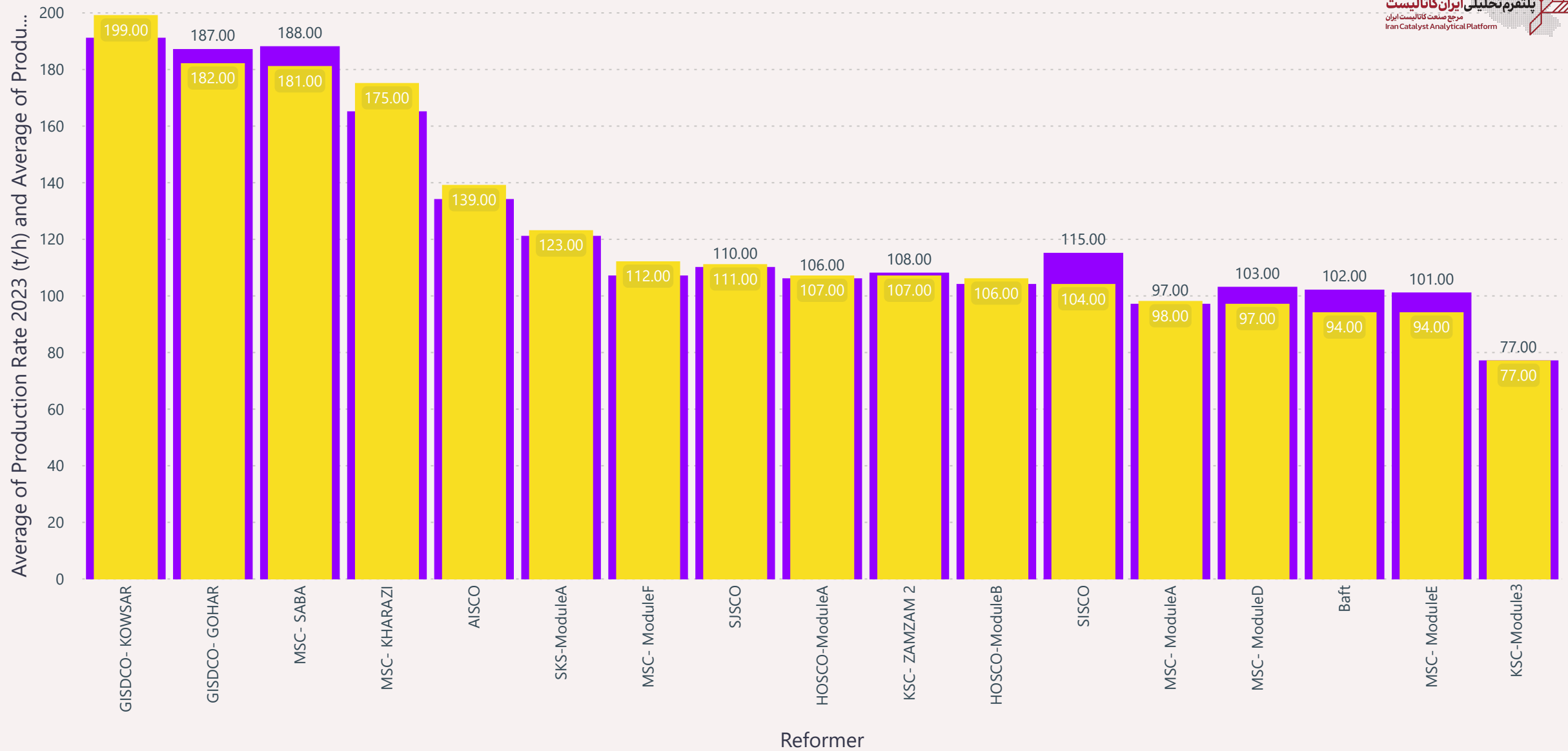
# Sum of Production 2023 (t) and Sum of Production 2022 (t) by Reformer

● Sum of Production 2023 (t) ● Sum of Production 2022 (t)



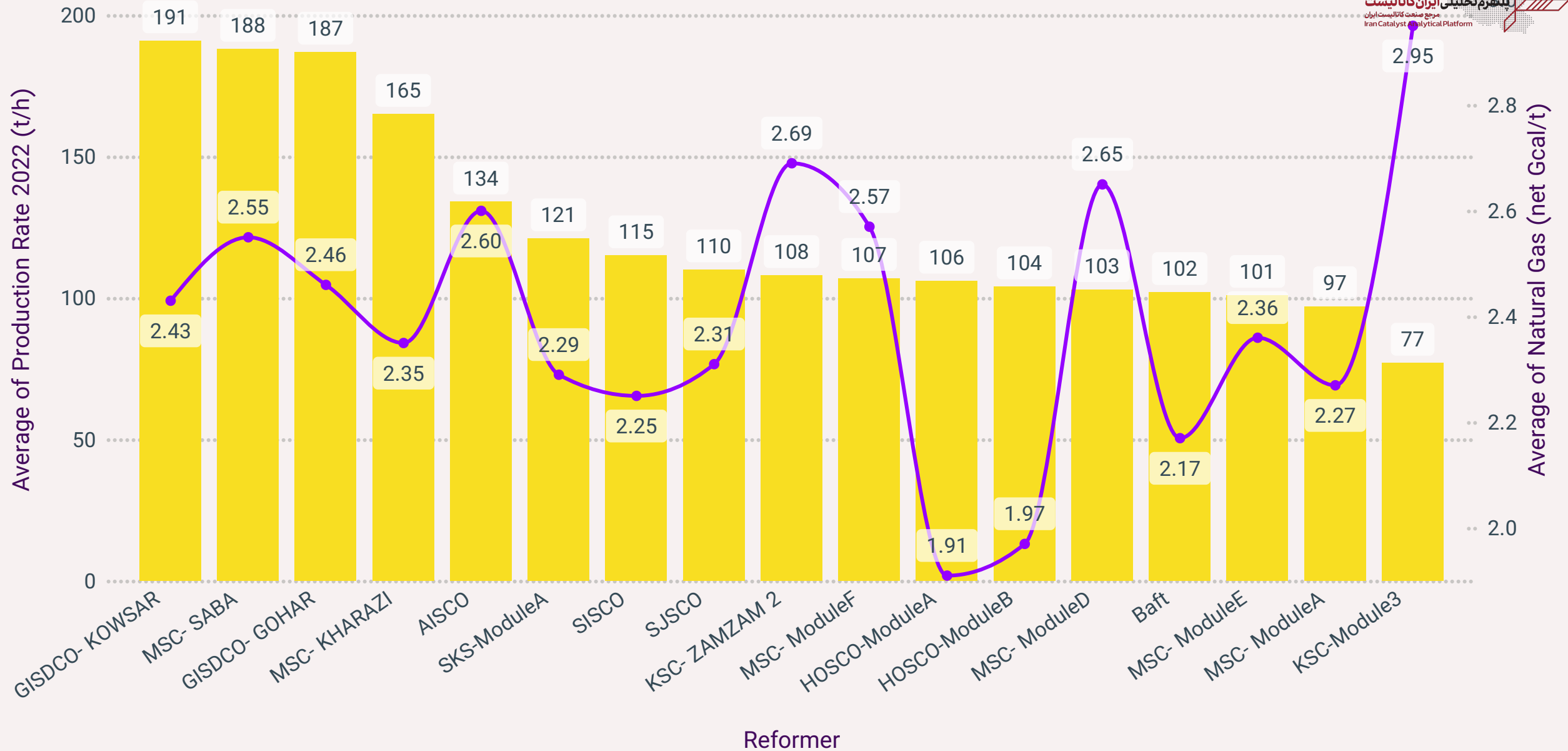
# Average of Production Rate 2023 (t/h) and Average of Production Rate 2022 (t/h) by Reformer

● Average of Production Rate 2023 (t/h) ● Average of Production Rate 2022 (t/h)



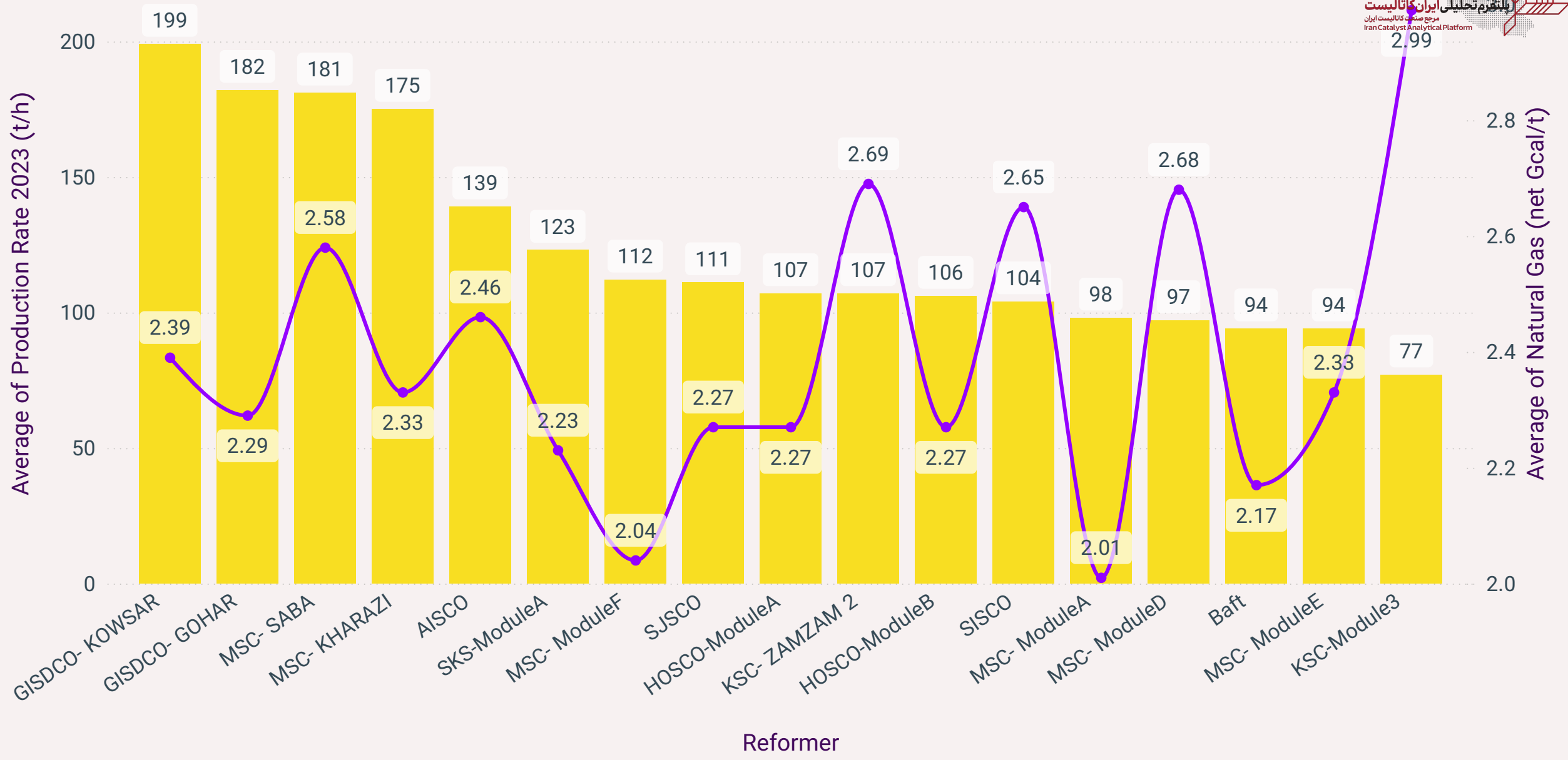
# Average of Production Rate 2022 (t/h) and Average of Natural Gas (net Gcal/t) by Reformer

● Average of Production Rate 2022 (t/h) ● Average of Natural Gas (net Gcal/t)



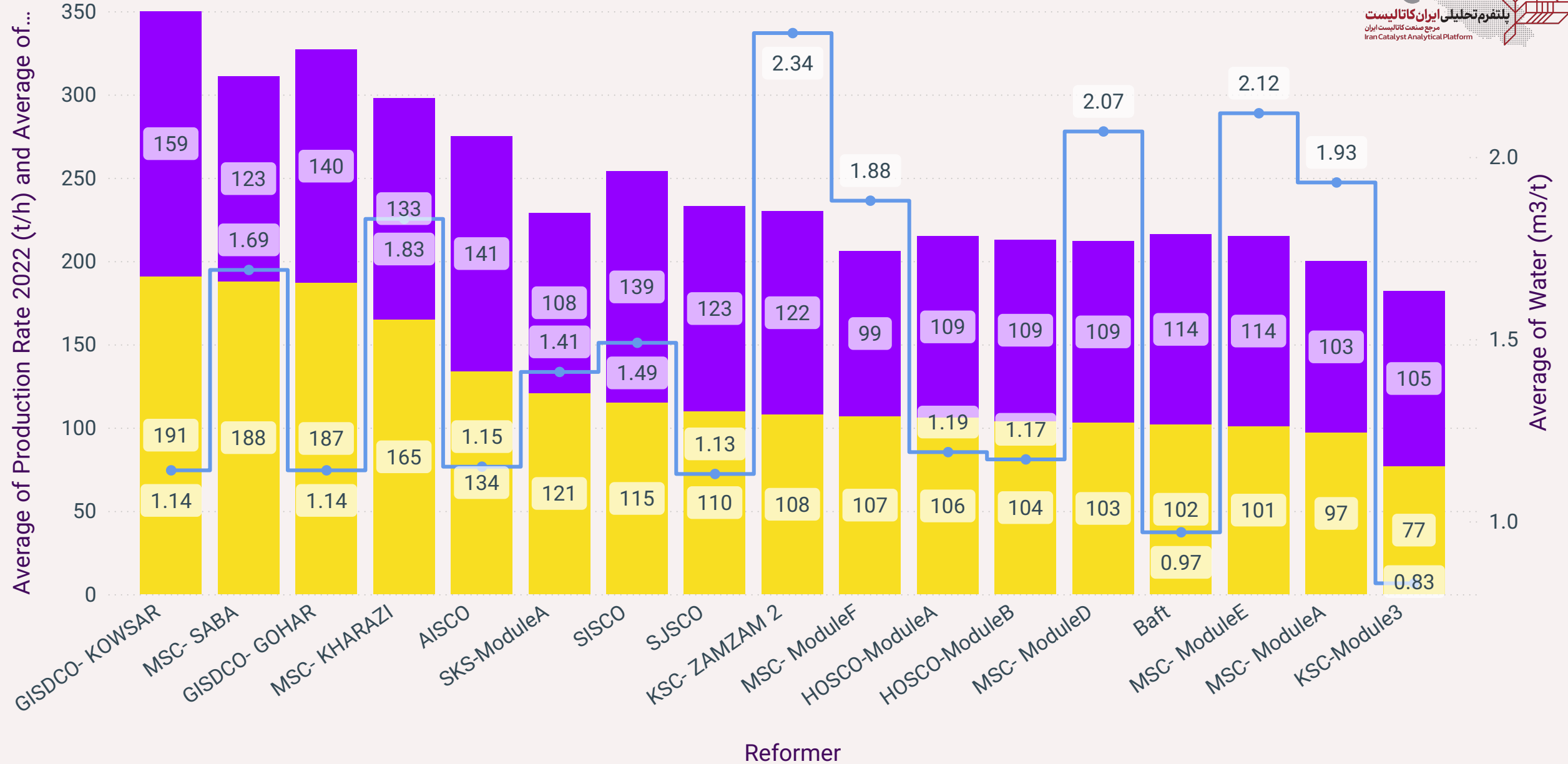
# Average of Production Rate 2023 (t/h) and Average of Natural Gas (net Gcal/t) by Reformer

● Average of Production Rate 2023 (t/h) ● Average of Natural Gas (net Gcal/t)



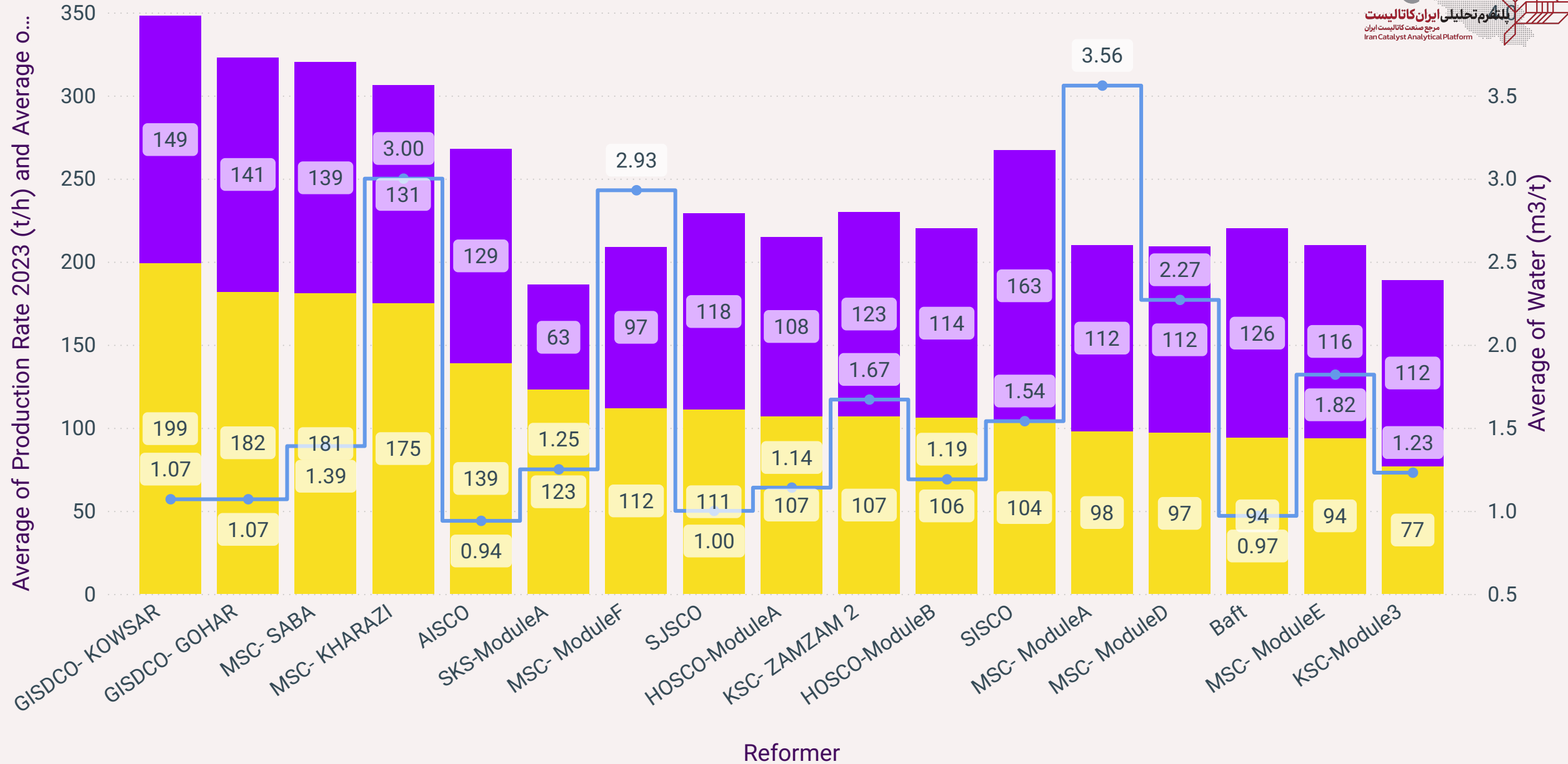
# Average of Production Rate 2022 (t/h), Average of Electricity (kWh/t) and Average of Water (m3/t) by Reformer

● Average of Production Rate 2022 (t/h) ● Average of Electricity (kWh/t) ● Average of Water (m3/t)



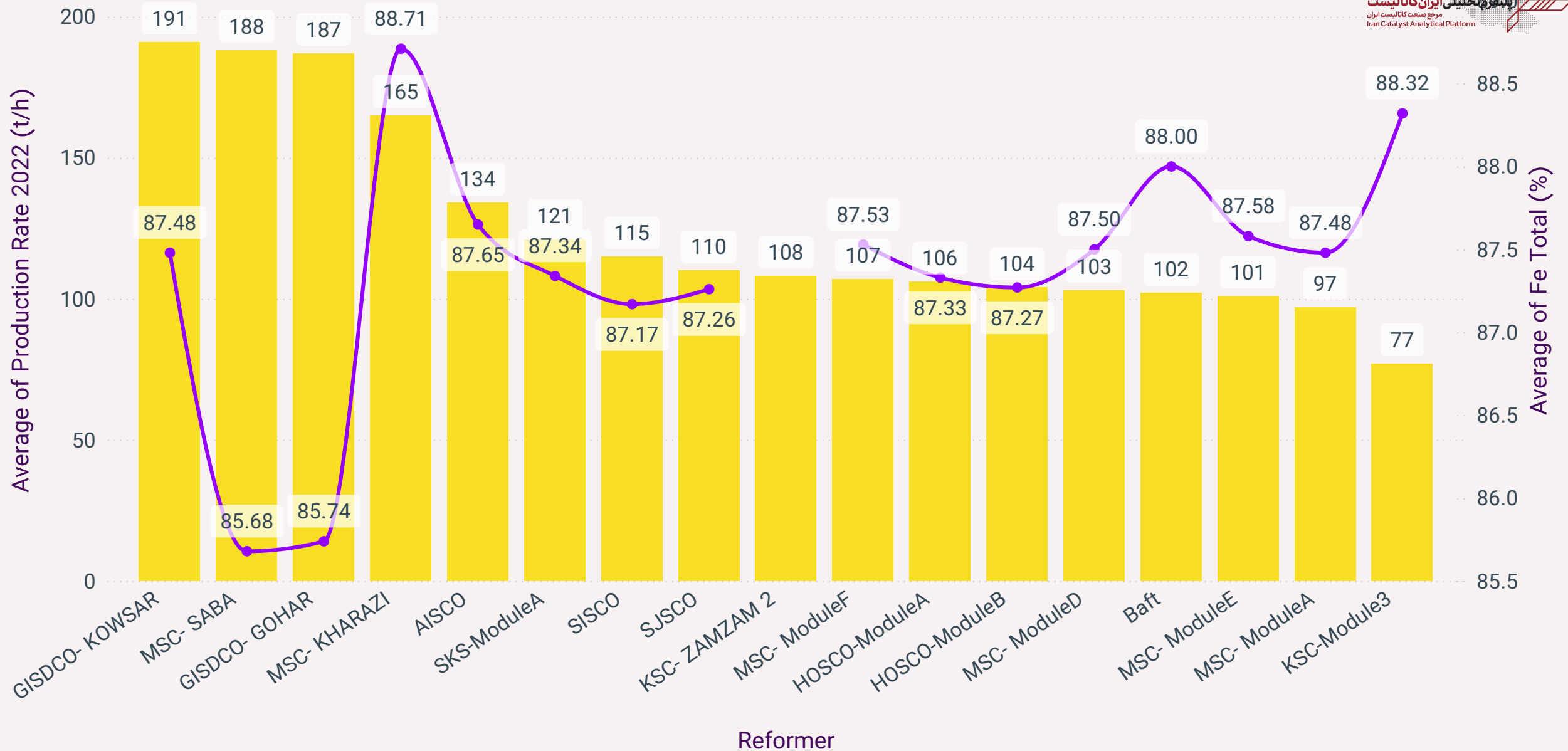
# Average of Production Rate 2023 (t/h), Average of Electricity (kWh/t) and Average of Water (m3/t) by Reformer

● Average of Production Rate 2023 (t/h) ● Average of Electricity (kWh/t) ● Average of Water (m3/t)



# Average of Production Rate 2022 (t/h) and Average of Fe Total (%) by Reformer

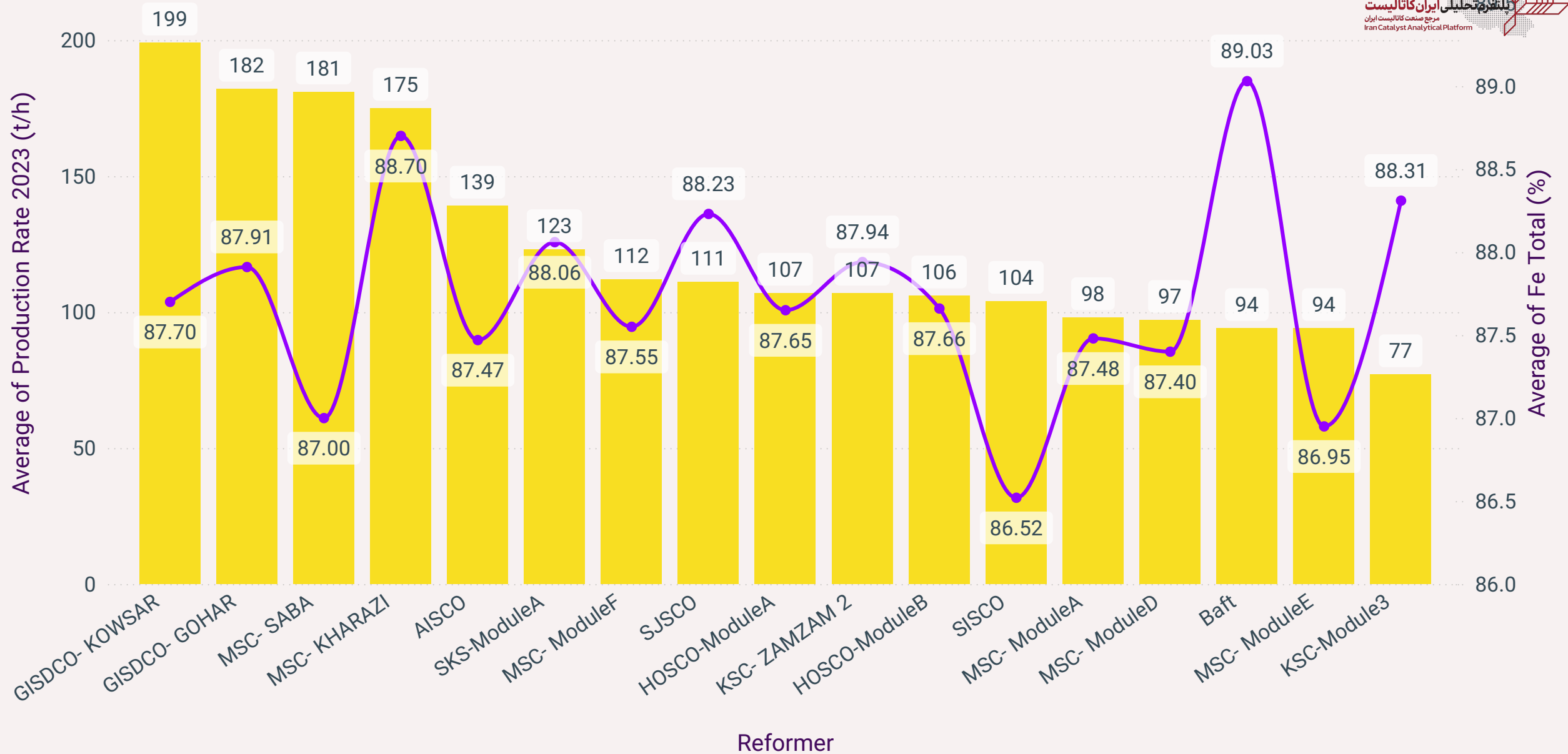
● Average of Production Rate 2022 (t/h) ● Average of Fe Total (%)





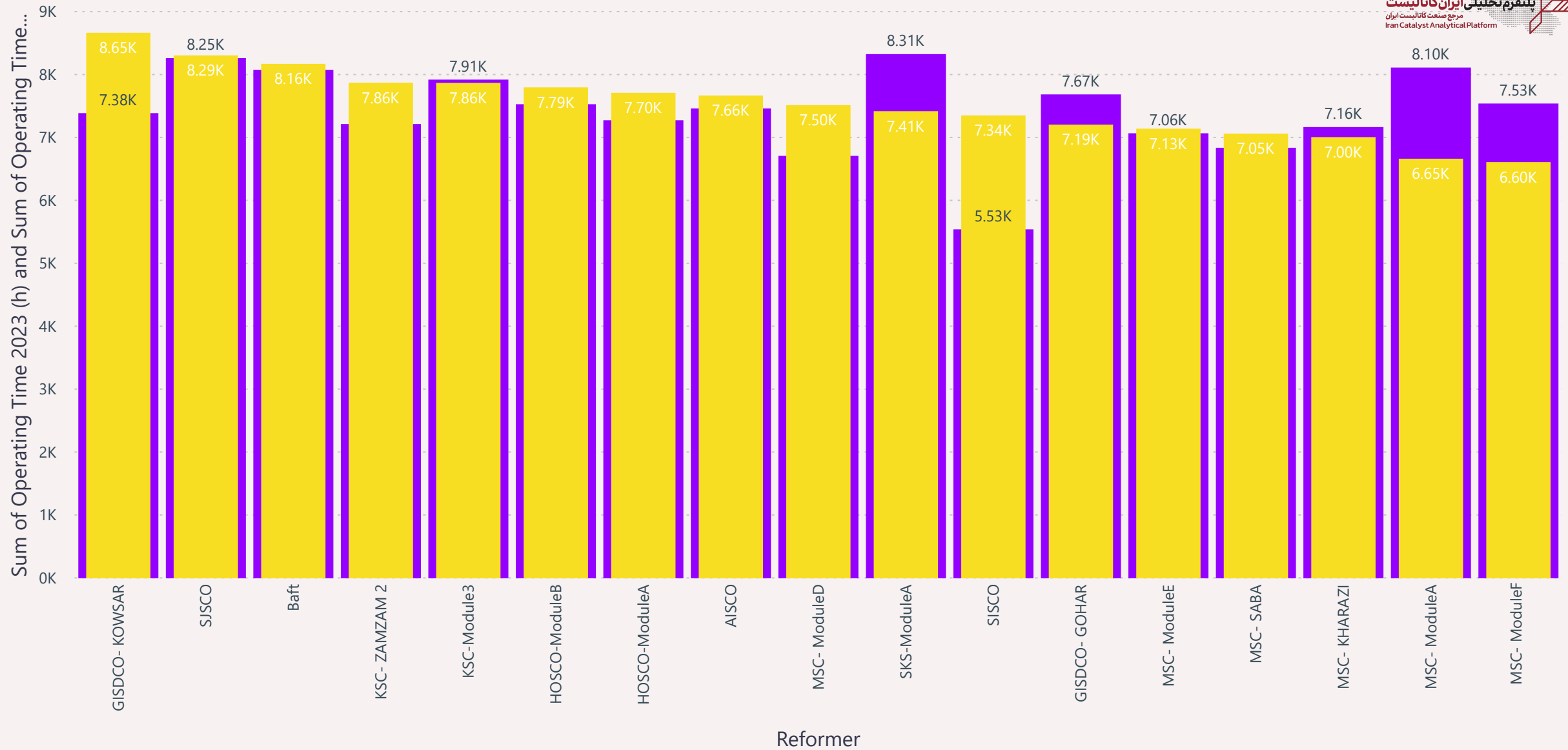
# Average of Production Rate 2023 (t/h) and Average of Fe Total (%) by Reformer

● Average of Production Rate 2023 (t/h) ● Average of Fe Total (%)



# Sum of Operating Time 2023 (h) and Sum of Operating Time 2022 (h) by Reformer

● Sum of Operating Time 2023 (h) ● Sum of Operating Time 2022 (h)





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