



ANL Assessment and evidences

GB1059H RAN Energy Efficiency Optimization

Entel Peru



e) RAN Energy Efficiency Optimization Questionnaire

In this presentation, the evidence shown is based on **Sub-scenario 2**, which was used to validate the autonomy level of **3.39**.

Process Flow	Cognitive Activity	Service Capability	Weight	Question	Answer	Original score	Compensated score	Overall Score
RAN Energy Efficiency Optimization	Intent	Intent Translation	15%	How does the System translate the RAN Energy saving intent to the RAN energy saving related control information?	B	3	3	3.39
		Intent Fulfillment & Evaluation	10%	How does the System evaluate RAN energy saving intent fulfilment?	B	3	3	
	Awareness	RAN Energy Saving Information Collection	10%	How does the System collect RAN energy saving related information?	A	3	3	
	Analysis	RAN Energy Saving Issues Identification	10%	How does the System identify energy saving issues?	A	4	4	
		RAN Traffic & Performance Prediction	10%	How does the System predict traffic load and network performance that can be used for energy saving solutions?	A	4	4	
		RAN Energy Saving Issues Demarcation & Root Cause Analysis	10%	How does the System demarcate energy saving & performance issues and analyze their root cause?	A	4	4	
		Solution Generation	15%	How does the System generate the recommended RAN energy saving solutions to solve the identified energy saving issues?	B	3	3	
	Decision	Solution Evaluation & Decision Making	10%	How does the System evaluate energy saving solutions and decide on the best solution to be implemented?	B	3	3	
	Execution	Solution Implementation	10%	How does the System implement solution that can resolve identified energy saving issues?	A	2	3	
	Note 1: Scores are automatically calculated by formulas, which cannot be changed.							

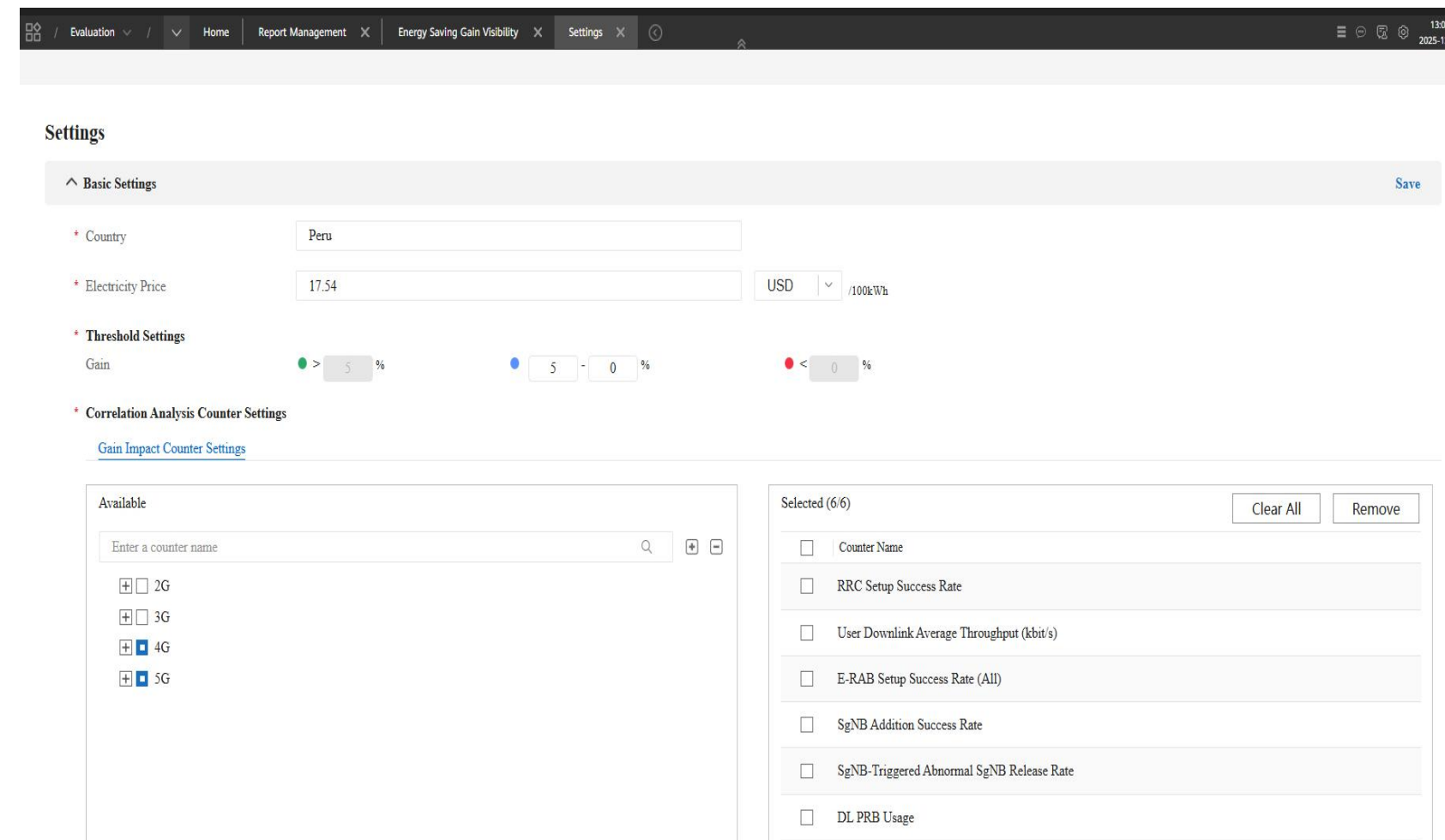
e) Cognitive Activity_ Intent (Intent Fulfillment & Evaluation)

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C
Intent	Intent Fulfillment evaluation	10%	How does the System evaluate RAN energy saving intent fulfillment?	The system automatically evaluates and generates an intent fulfillment report including targets fulfillment status, based on intent.	The system automatically evaluates and generates an intent fulfillment report (including targets fulfillment status) based on intent, but human confirms the evaluation result	Intent Fulfillment is manually evaluated

For the intra-RAT inter-frequency multi-site energy saving scenario, the system will automatically report the KPI, and gains based on the intent.

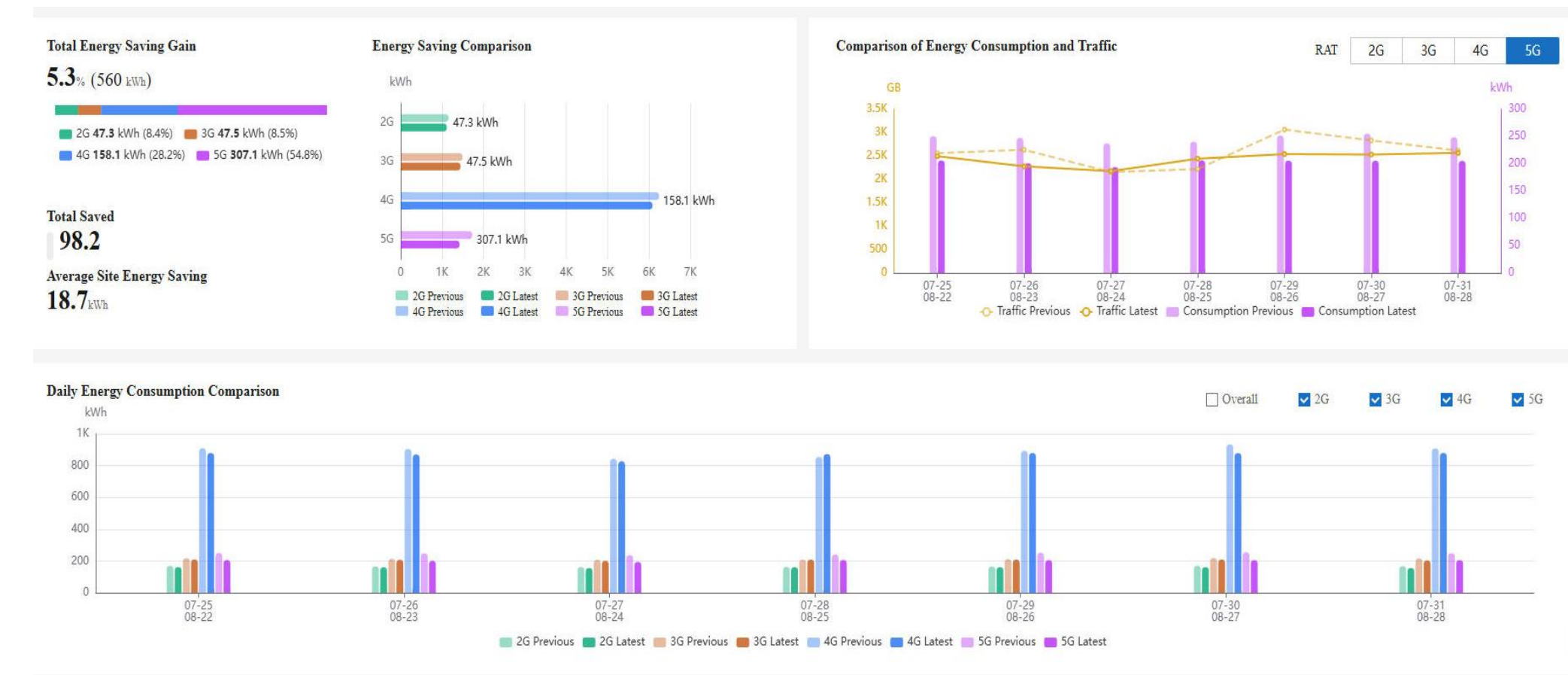
Automatically identifies whether the target cluster meets the requirements.

According to the intent, we can set target thresholds and KPI thresholds to be monitored, all energy-saving areas are displayed in different colors and labels based on actual energy-saving conditions, as shown in the left figure, but finally need human to check whether these cluster arrive to the meeting.



Summarize energy efficiency results

The figure on the right shows the energy efficiency summary which can be obtained by province or district. Also, we can export the relative report.



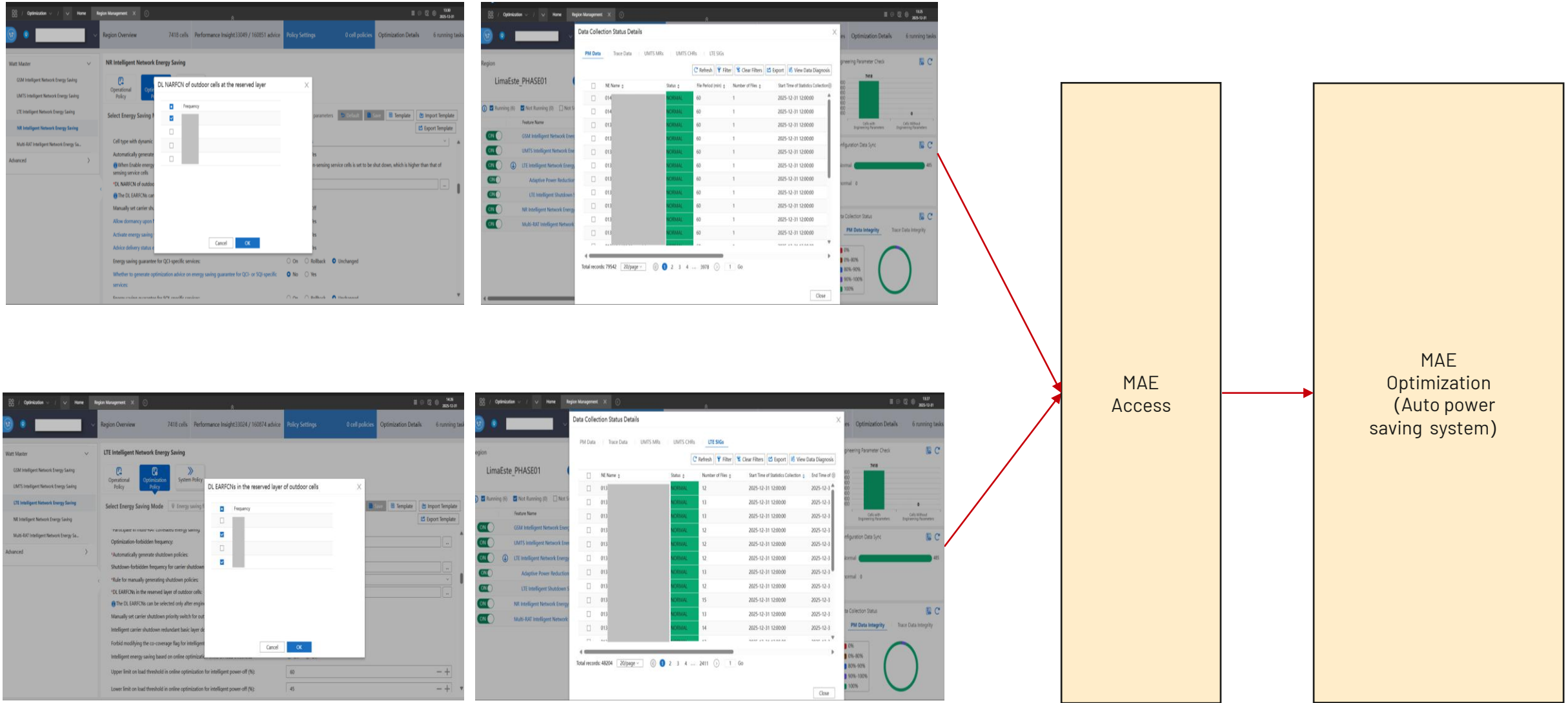
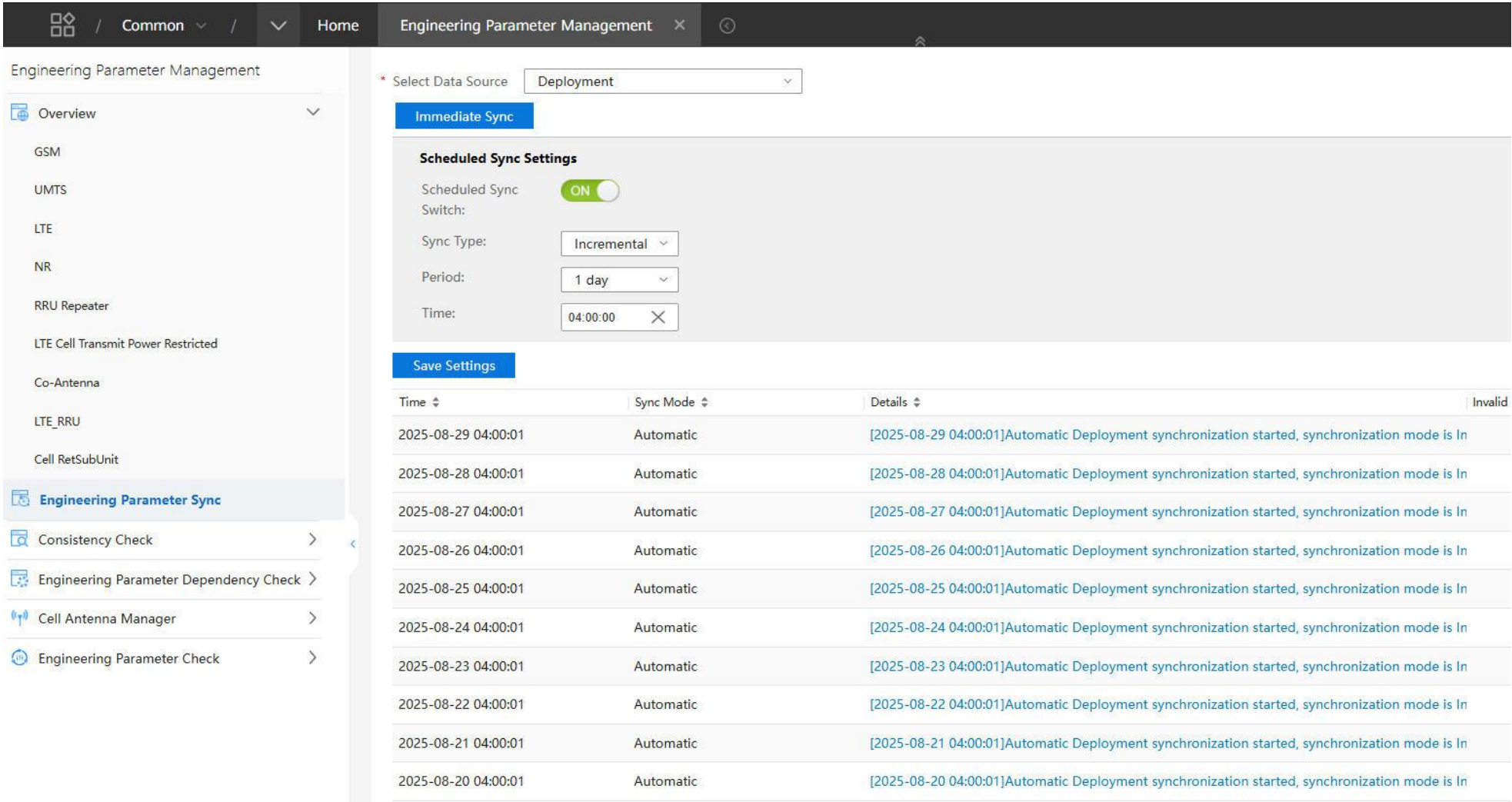
e) Cognitive Activity_ Awareness (RAN Energy Saving Information Collection)

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Awareness	RAN Energy Saving Information Collection	10%	How does the System collect RAN energy saving related information? RAN energy saving related information includes but not limited to energy efficiency measurements, e.g. Data Volume measurement and performance data, network configuration data e.g. energy saving state and environment data e.g. electronic map, site location.	The System continuously collects RAN energy saving related information, without human intervention	The System continuously collects RAN energy saving related information, but requires human intervention (e.g.: for data quality checks)	The System continuously collects RAN energy saving related information based on predefined rules.	RAN energy saving related information are collected based on expertise

RAN data auto collection

NE sites performance data (counters) and configuration will Periodically (minutes or hourly) update to MAE access sever, and the auto power saving system (ipowerstar) will collect these data periodically (minutes or hourly)

Engineer parameters auto collection



e) Cognitive Activity_Analysis (RAN Energy Saving Issues Identification) - 1/2

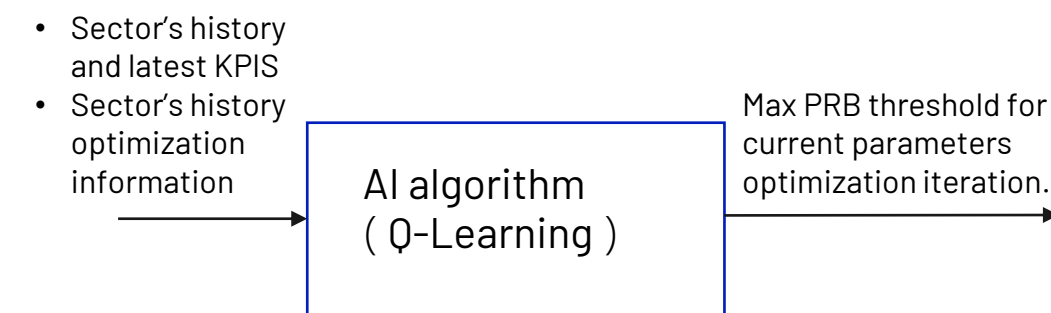
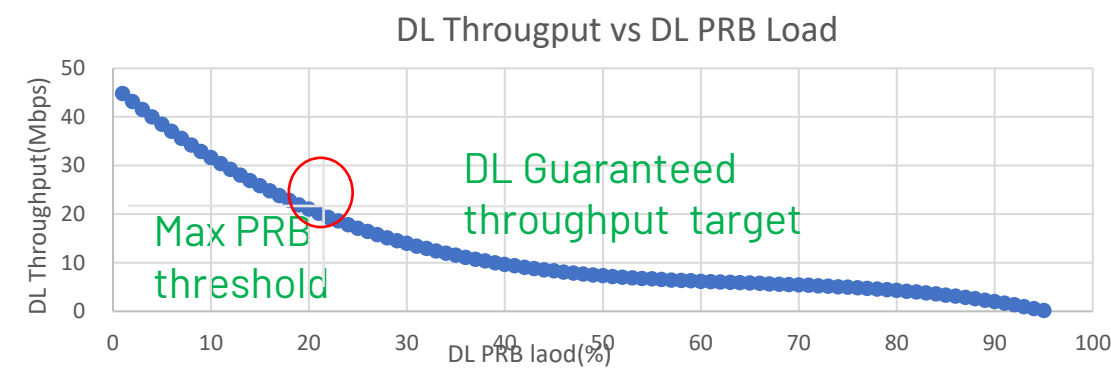
Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Analysis	RAN Energy Saving Issues Identification	10%	How does the System identify RAN energy saving issues? e.g. insufficient energy saving issue, high energy consumption, low energy efficiency and performance issues caused by energy savings actions	The System intelligently identifies energy saving issues, without human intervention.	The System intelligently identifies energy saving issues, but requires human intervention for issue confirmation	The System identifies energy saving issues based on predefined rules.	Energy saving issues are manually identified.

➤ RAN Energy Saving Issues --Insufficient energy saving issue

1. Proper energy saving PRB threshold calculation

(1)Method1 :The system build an AI model for DL PRB load and average DL throughput for each sector, based on the DL Guaranteed throughput target intent input by user, the system calculate the max PRB load threshold which is used for following proper energy saving time window analysis.

(2) Method 2: Based on AI model in parameters optimization, the system calculate the max PRB load threshold with comprehensive consideration of the impact KPIs (UL/DL user throughput、RRC SR、CDR、HO SR and so on) for each sector.

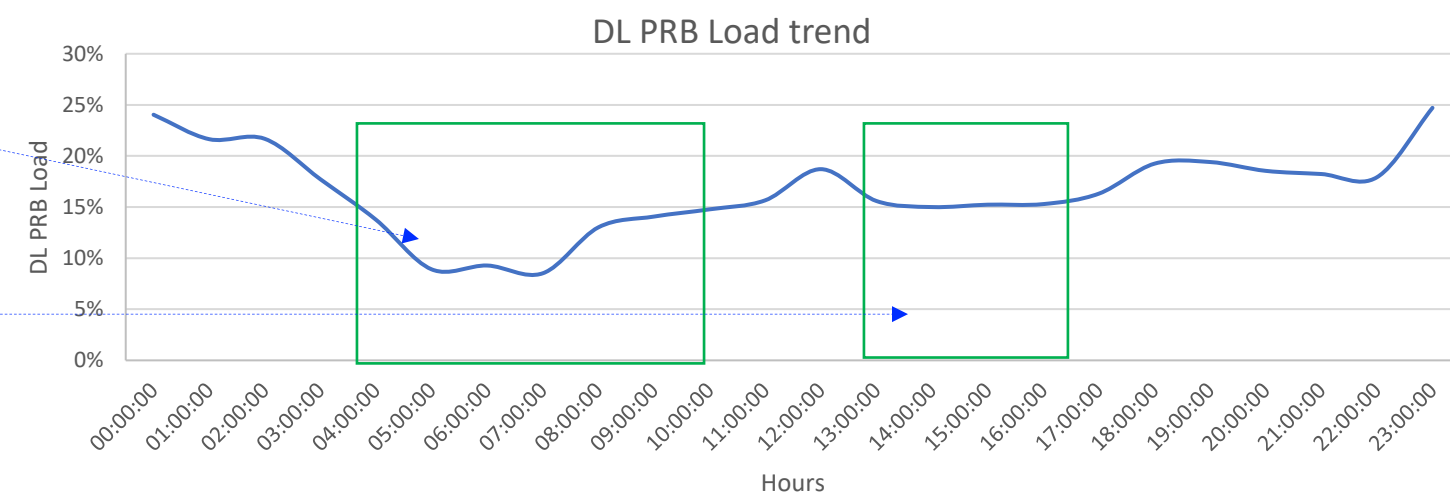


2. Energy saving objects identification which has proper time windows

With the sector's max PRB load threshold ,the system automatically identifies multiple proper time windows of energy saving based on the analysis in DL PRB load and user number trends with PM data at the minimum granularity (15/30/60 minute) that PM is available from the source. **If any proper time window is found, the sector is identified to have insufficient energy saving issues.**

First proper time window which has insufficient energy saving issue

Second proper time window which has insufficient energy saving issue



➤ RAN Energy Saving Issues -- Performance issues caused by energy saving

• Cells and KPI monitor:

The system automatically monitors the KPI changes of the cells which energy-saving optimization actions are applied and their neighboring cells(The KPIs monitored could be selected on the system GUI).

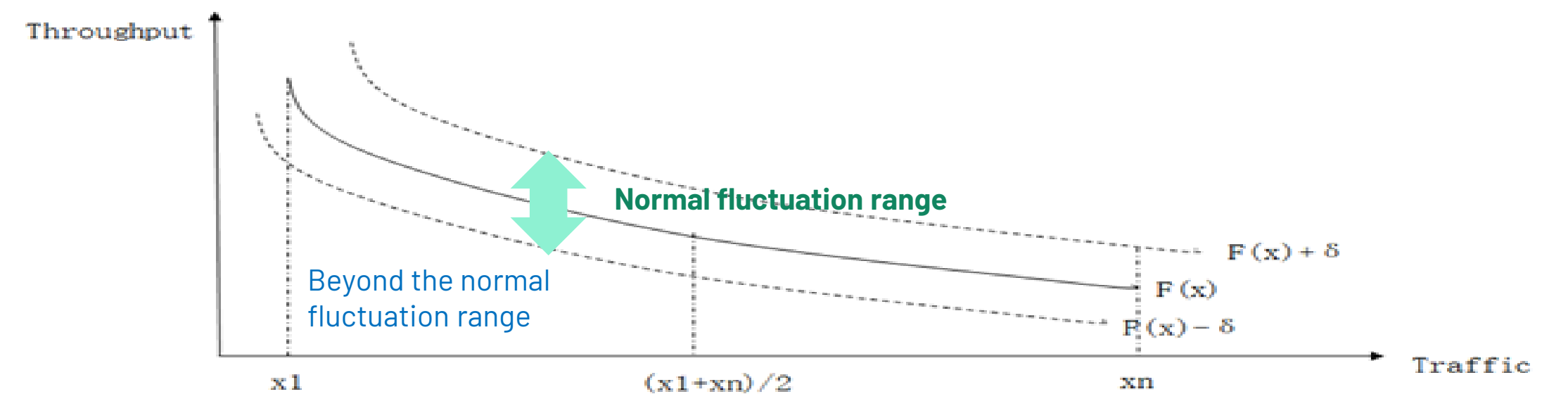
• Performance issues identify action caused by energy saving:

When any KPI monitored deteriorates beyond the threshold of the cells monitored, the cell which energy-saving optimization actions are applied are identified as deteriorated cells due to energy-saving actions (The KPIs deterioration thresholds could be configured on the system GUI) .

Example: DL throughput deterioration judgement

1.Build a model for throughput vs traffic for each sector based on history hourly PM data.

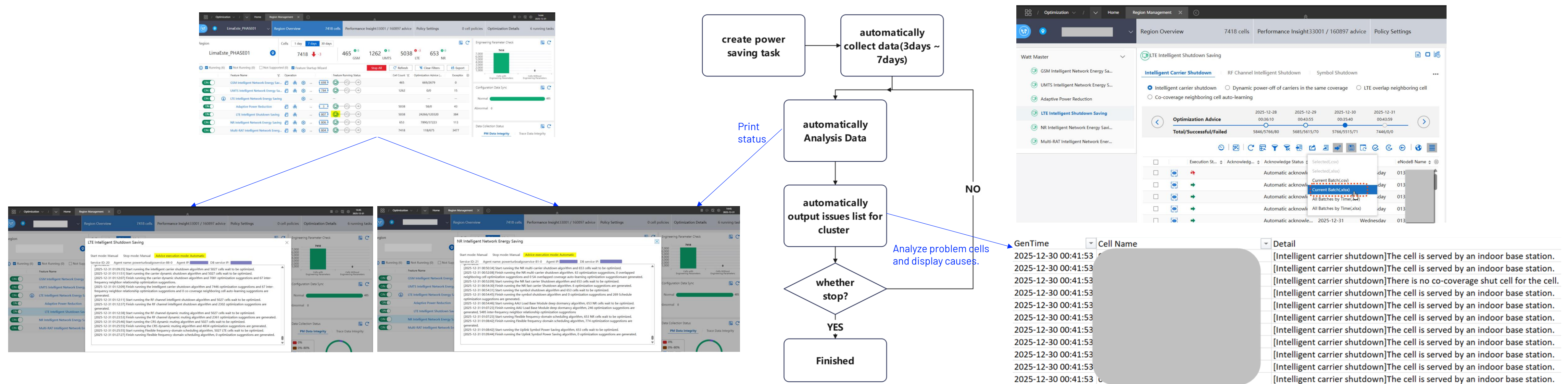
2. If the average DL throughput of the sector get worse, and its value is outside the normal fluctuation range of the model curve, the average DL throughput of the sector was judged as deteriorated.



e) Cognitive Activity_Analysis (RAN Energy Saving Issues Identification) - 2/2

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Analysis	RAN Energy Saving Issues Identification	10%	How does the System identify RAN energy saving issues? e.g. insufficient energy saving issue, high energy consumption, low energy efficiency and performance issues caused by energy savings actions	The System intelligently identifies energy saving issues, without human intervention.	The System intelligently identifies energy saving issues, but requires human intervention for issue confirmation	The System identifies energy saving issues based on predefined rules.	Energy saving issues are manually identified.

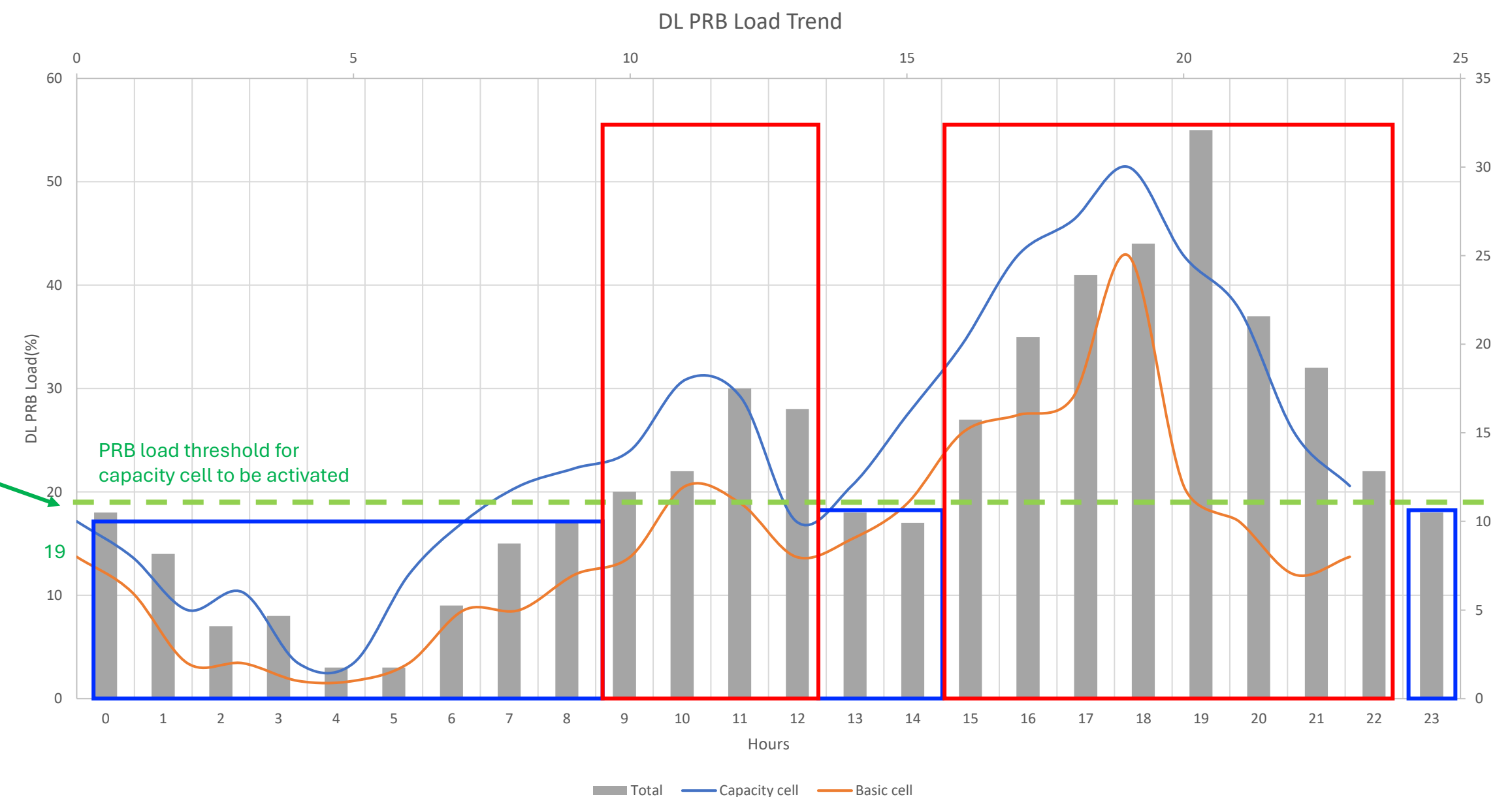
After enable the power saving task, for the all sub-scenarios, the system will automatically check which cells can do power saving based on condition



e) Cognitive Activity_ Analysis (RAN Traffic & Performance Prediction) - 1/2

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Analysis	RAN Traffic & Performance Prediction	10%	How does the System predict traffic load and network performance that can be used for RAN energy saving solutions? Traffic load includes but not limited to PRB utilization rate. Network performance includes but not limited to RAN UE throughput	The System intelligently predicts traffic load & network performance that can be used for energy saving solution at the minimum granularity that data is available from the source, without human intervention.	The System intelligently predicts traffic load & network performance that can be used for energy saving solution, without human intervention.	The System predicts traffic load & network performance that can be used for energy saving solution, based on predefined rules.	Traffic load & network performance trend need to be manually established based on human expertise or through the execution of manual written procedures.

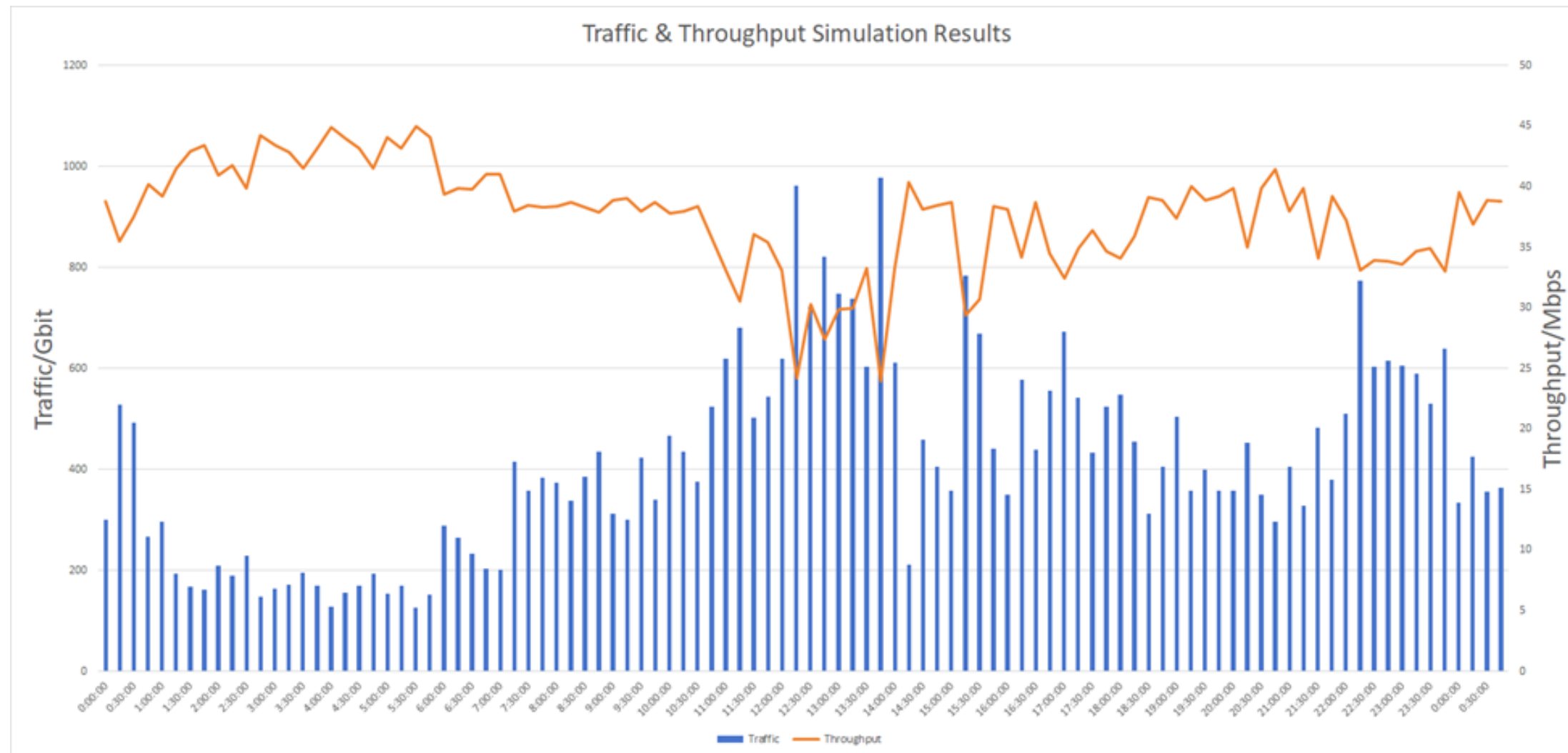
- Principle of carrier shutdown: When the sector load is low, the carrier shutdown feature turns off the capacity layer, and the basic layer will absorb all traffic in the sector to achieve energy-saving goals. When the basic cell's UL/DL PRB load increases beyond a certain UL/DL PRB threshold, the capacity cells are activated to prioritize meeting the service demands of users in the sector.
- Based on the performance guarantee constraints (such as DL average user throughput) from the energy saving intent, the system calculates the **max PRB threshold (Green line)** for each basic cell when capacity cells are shutdown using algorithms such as PRB prediction and DL average user throughput prediction.
- The system collects the minimum time granularity (15/30/60 minutes) of UL/DL PRB load information and user number information of the basic cells and all capacity cells within the sector. The system predicts and determines which time periods could still ensure DL user experience after carrier shutdown. During those periods when user experience couldn't be guaranteed, the system will prohibit carrier shutdown taking effect in this time period (**Within the red box**) for this sector. And other time period (**Within the blue box**) which could guarantee the user experience, the system will generate proper energy saving advices to get much more energy saving gain.



e) Cognitive Activity - Analysis (RAN Traffic & Performance Prediction) - 2/2

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Analysis	RAN Traffic & Performance Prediction	10%	How does the System predict traffic load and network performance that can be used for RAN energy saving solutions? Traffic load includes but not limited to PRB utilization rate. Network performance includes but not limited to RAN UE throughput	The System intelligently predicts traffic load & network performance that can be used for energy saving solution at the minimum granularity that data is available from the source, without human intervention.	The System intelligently predicts traffic load & network performance that can be used for energy saving solution, without human intervention.	The System predicts traffic load & network performance that can be used for energy saving solution, based on predefined rules.	Traffic load & network performance trend need to be manually established based on human expertise or through the execution of manual written procedures.

Prediction Granularity Aligned with the Data Source: some energy saving feature (for example intelligent carrier shutdown) performs hourly-level simulation predictions using raw data such as CHR and MR (with sampling intervals as low as 10 seconds), covering cell-level indicators including coverage quality, energy consumption, and experienced throughput. Its minimum temporal granularity strictly matches the native data collection frequency. For example, energy consumption predictions are derived from hourly-aggregated PRB utilization metrics, not daily or coarser aggregations. Traffic and Throughput are instead based on a 15 min granularity which matches the minimum granularity from the source OSS.



The screenshot shows a web application interface. On the left is a navigation sidebar with the following items: Optimization, Search Keyword, Cover, Master Catalogue (highlighted), Concept Introduction, Task Information, Optimization Advice Summary, Optimization Area Information, KPI Monitoring and Evaluation, Exception, Cell Level Information, and Coverage Distribution Analysis. The main content area displays a table titled 'Master Catalogue' with columns for Content, Link, and Remark.

Content	Link	Remark
Concept Introduction	Details	This sheet introduces the background, data sources, benefits, and application scenari...
Task Information	Details	This sheet contains the basic information about tasks and parameters in the current b...
Optimization Advice Summary	Details	This sheet contains all types of optimization advice and the percentage of each type ...
	Details	You can view details about all power and tilt optimization advice generated in the cur...
	Details	You can view the cause of no optimization advice for cells that do not generate powe...
	Details	This sheet contains all types of optimization advice and the percentage of each type ...
Optimization Area Information	Details	You can view the MR-analysis results of all cells in the optimization area.
	Details	You can view the list of cells (including cells to be adjusted and cells to be evaluated) ...
KPI Monitoring and Evaluation	Details	This sheet contains comparison of KPIs before and after the optimization for all cells ...
	Details	This sheet contains KPI chart of the entire optimization region in the current task batc...
	Details	This sheet contains comparison of energy consumption before and after the optimiza...
	Details	This sheet contains overall energy consumption comparison before and after optimiza...
Exception	Details	Query the abnormal information summary in the current task batch.
	Details	View RNC data collection information.
Cell Level Information	Details	This sheet contains the proportion of weak coverage MRs, proportion of interference ...

e) Cognitive Activity_ Analysis (RAN Energy Saving Issues Demarcation & Root Cause Analysis) - 1/2

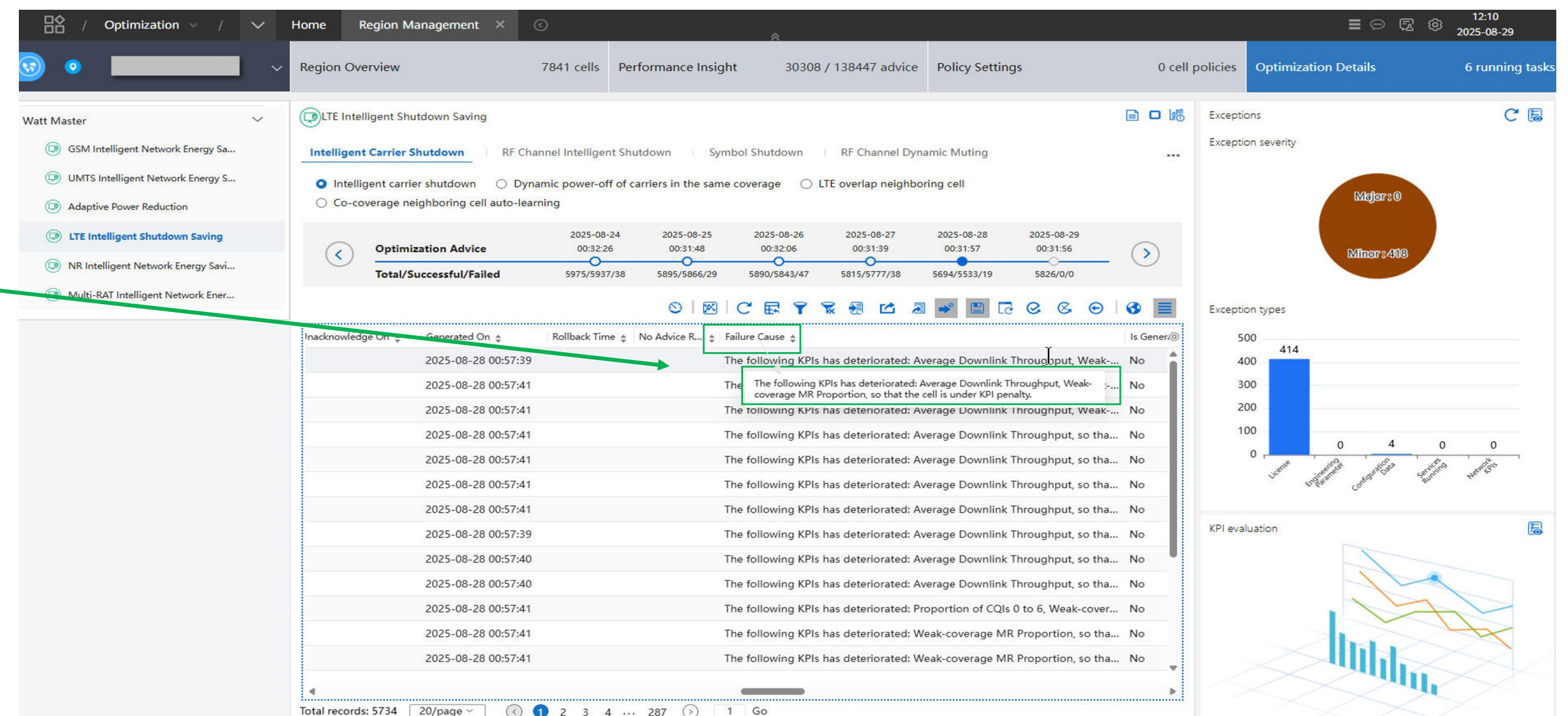
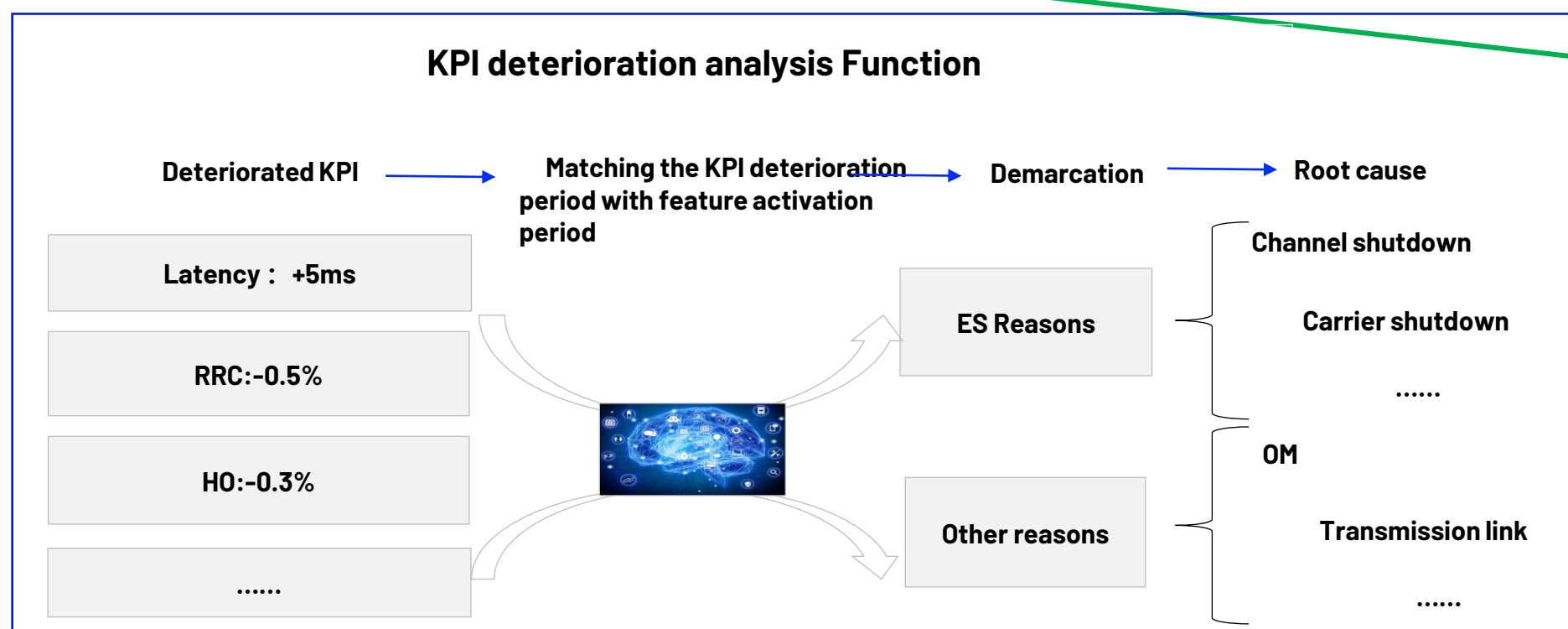
Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Analysis	RAN Energy Saving Issues Identification	10%	How does the System demarcate energy saving & performance issues and analyze their root cause (e.g., performance issues caused by which energy saving actions)?	The System intelligently demarcates energy saving & performance issues and analyze their root cause, without human intervention	The System intelligently demarcates energy saving & performance issues and analyze their root cause, but requires human intervention to confirm the root causes	The System identifies energy saving issues, based on predefined rules The root cause is analyzed by expert	Energy saving & performance issues demarcation and root cause analysis are performed manually

✓ RAN Energy Saving Issues Demarcation

- (1) If the sector is identified to have insufficient energy saving issues (sector with proper time windows of energy saving under the premise that the user-input DL guaranteed throughput target is achievable.) and have no KPI deterioration happened during the last days, energy saving parameters threshold values of this sector will be optimized with AI algorithm.
- (2) If the sector is identified to have the KPI deterioration, the system will analyze the root cause for the performance deterioration.

✓ Performance issues caused by energy saving

- (1) The system has a built-in KPI deterioration analysis mode that establishes the correlation between KPIs and energy-saving features. The system can identify whether the KPI deterioration is caused by specific energy saving actions by analyzing the correlation between the KPI deteriorated time and the activation time periods of energy-saving features implemented the previous day that may affect these KPIs.
- (2) The system will show the root cause related with energy saving actions on the GUI



e) Cognitive Activity_Analysis (RAN Energy Saving Issues Demarcation & Root Cause Analysis) - 2/2

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Analysis	RAN Energy Saving Issues Identification	10%	How does the System demarcate energy saving & performance issues and analyze their root cause (e.g., performance issues caused by which energy saving actions)?	The System intelligently demarcates energy saving & performance issues and analyze their root cause, without human intervention	The System intelligently demarcates energy saving & performance issues and analyze their root cause, but requires human intervention to confirm the root causes	The System identifies energy saving issues, based on predefined rules The root cause is analyzed by expert	Energy saving & performance issues demarcation and root cause analysis are performed manually

The system will auto provide the root cause for different KPI deterioration if it was caused by auto power saving features optimization, as it show in the follow screen shot, the CQI(0-6) rate was caused by the carrier shutdown, and the follow advice was delivered failure, and will rollback to improve the KPI.

The screenshot displays a network optimization interface. On the left, the 'Watt Master' section includes 'LTE Intelligent Shutdown Saving'. The main area shows 'Intelligent Carrier Shutdown' settings. Below this is an 'Optimization Advice' timeline for 2025-12-28 to 2025-12-31, with a table showing 'Total/Successful/Failed' counts for each day.

Advice Generate Type	Delivered On	Generated On	Failure Cause
Energy Saving Strategy	2025-12-31 06:57:56	2025-12-30 00:56:10	The following KPIs has deteriorated: Proportion of CQIs 0 to 6, Weak-coverage MR Proportion, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:12	The following KPIs has deteriorated: Proportion of CQIs 0 to 6, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:12	The following KPIs has deteriorated: Proportion of CQIs 0 to 6, Weak-coverage MR Proportion, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:12	The following KPIs has deteriorated: Average Downlink Throughput, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:11	The following KPIs has deteriorated: Average Downlink Throughput, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:10	The following KPIs has deteriorated: Proportion of CQIs 0 to 6, Weak-coverage MR Proportion, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:10	The following KPIs has deteriorated: Average Downlink Throughput, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:11	The following KPIs has deteriorated: Proportion of CQIs 0 to 6, Weak-coverage MR Proportion, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:11	The following KPIs has deteriorated: Average Downlink Throughput, Proportion of CQIs 0 to 6, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:10	The following KPIs has deteriorated: Weak-coverage MR Proportion, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:11	The following KPIs has deteriorated: Average Downlink Throughput, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:11	The following KPIs has deteriorated: Weak-coverage MR Proportion, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:11	The following KPIs has deteriorated: Proportion of CQIs 0 to 6, Weak-coverage MR Proportion, so that the cell is under KPI penalty.
Energy Saving Strategy	2025-12-31 05:58:03	2025-12-30 00:56:11	The following KPIs has deteriorated: Weak-coverage MR Proportion, so that the cell is under KPI penalty.

On the right, there is a 'KPI evaluation' chart showing a significant drop in performance, and a table of 'Exceptions' with details on severity and types.



Cognitive Activity_ Analysis (Solution Generation) - 2/2

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Analysis	Solution Generation	15%	How does the System generate the recommended RAN energy saving solutions to solve the identified energy saving issues?	The System intelligently generates energy saving solutions, adjusted to adapt to RAN Traffic & Performance changes, without human intervention	The System intelligently generates energy saving solutions, without human confirmation	The System generates energy saving solutions based on predefined rules, and requires human intervention.	Energy saving solutions are manually proposed based on expertise.

Currently, energy-saving solutions can be automatically generated without manual intervention.

The screenshot displays a network optimization dashboard with the following components:

- Navigation Bar:** Includes 'Optimization', 'Home', and 'Region Management' tabs. A secondary bar shows 'Region Overview' (7841 cells), 'Performance Insight' (30295 / 138460 advice), 'Policy Settings', '0 cell policies', 'Optimization Details', and '6 running tasks'.
- Watt Master Panel:** Lists energy saving features: GSM Intelligent Network Energy Sa..., UMTS Intelligent Network Energy S..., Adaptive Power Reduction, LTE Intelligent Shutdown Saving, NR Intelligent Network Energy Savi..., and Multi-RAT Intelligent Network E...
- Main Content Area:**
 - Multi-RAT Intelligent Network Energy Saving:** Shows 'LNR Carrier Shutdown' as the active feature.
 - Optimization Advice Timeline:** A timeline from 2025-08-24 to 2025-08-29. Data points: 2025-08-24 (00:36:32, 224/215/9), 2025-08-25 (00:35:58, 233/224/9), 2025-08-26 (00:37:27, 216/206/10), 2025-08-27 (00:37:00, 220/213/7), 2025-08-28 (00:34:51, 216/211/5), 2025-08-29 (00:37:52, 215/0/0).
 - Table:** Lists site configurations with columns: Site Name, Site ID, Cell CGI, Cell Name/NrDuCell Name, Local Cell ID/NrDuCell ID, Group ID, NE Type, and Advice Gen. The table shows various NR and LTE sites with 'Energy Sa' as the advice type.
- Exceptions Panel:** A donut chart shows 'Major: 0' and 'Minor: 3556'. A bar chart below shows 'Exception types' with 'License' at 3553 and 'Service Running' at 3.
- KPI Evaluation Panel:** A 3D bar and line chart showing performance metrics over time.

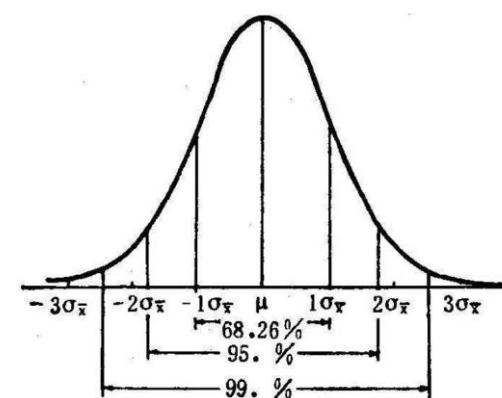


Cognitive Activity_ Decision (Solution Evaluation & Decision Making)

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C	Option D
Decision	Solution Evaluation & Decision Making	10%	How does the System evaluate energy saving solutions and decide on the best solution to be implemented?	The System intelligently evaluates energy saving solution when the recommended solutions are generated, and selects the best solution, without human intervention	The System intelligently evaluates energy saving solution and selects the best solution, but requires human confirmation	The System evaluates energy saving solution and selects the best solution based on predefined rules	Energy saving solutions are evaluated and decided based on manual expertise.

- Even if the AI algorithm provides a carrier shutdown PRB/user number threshold adjustment plan based on sector-level comprehensive KPI scores, the system still needs to re-evaluate the plan according to the KPI protection requirements specified in the user's energy-saving intent ,and then output the finally optimal solution.
- For key KPIs, the system builds fluctuation models for each core KPI based on historical hourly PM data over the past week, If the value of any KPI of the latest day deviates by N times the standard deviation from its mean value, the system considers the KPI has deteriorated. So even if the AI model suggests increasing or maintain the current PRB threshold, the system will still decide to lower the PRB threshold and adopt more conservative energy-saving measures to restore the KPI. Else, the system will accept the solution remanded by the AI model as the final energy saving advice.

Result	Conditions
Good	$\mu_{KPI_{After}} \geq \mu_{KPI_{before}} + 2 * \delta_{before}$
Stable	$\mu_{KPI_{before}} - 2 * \delta_{before} < \mu_{KPI_{After}} < \mu_{KPI_{before}} + 2 * \delta_{before}$
Bad	$\mu_{KPI_{After}} \leq \mu_{KPI_{before}} - 2 * \delta_{before}$



- After the decision making ,the final advice will show on the GUI

e) Cognitive Activity_ Execution (Solution Implementation)

Cognitive Activity	Service Capability	Weight	Questions	Option A	Option B	Option C
Execution	Solution Implementation	10%	How does the System implement solution that can resolve identified energy saving issues?	The System implements solution without human supervision	The System implements solution under human supervision	Solution implementation is entirely manual.

Automatic execution of energy-saving recommendations.

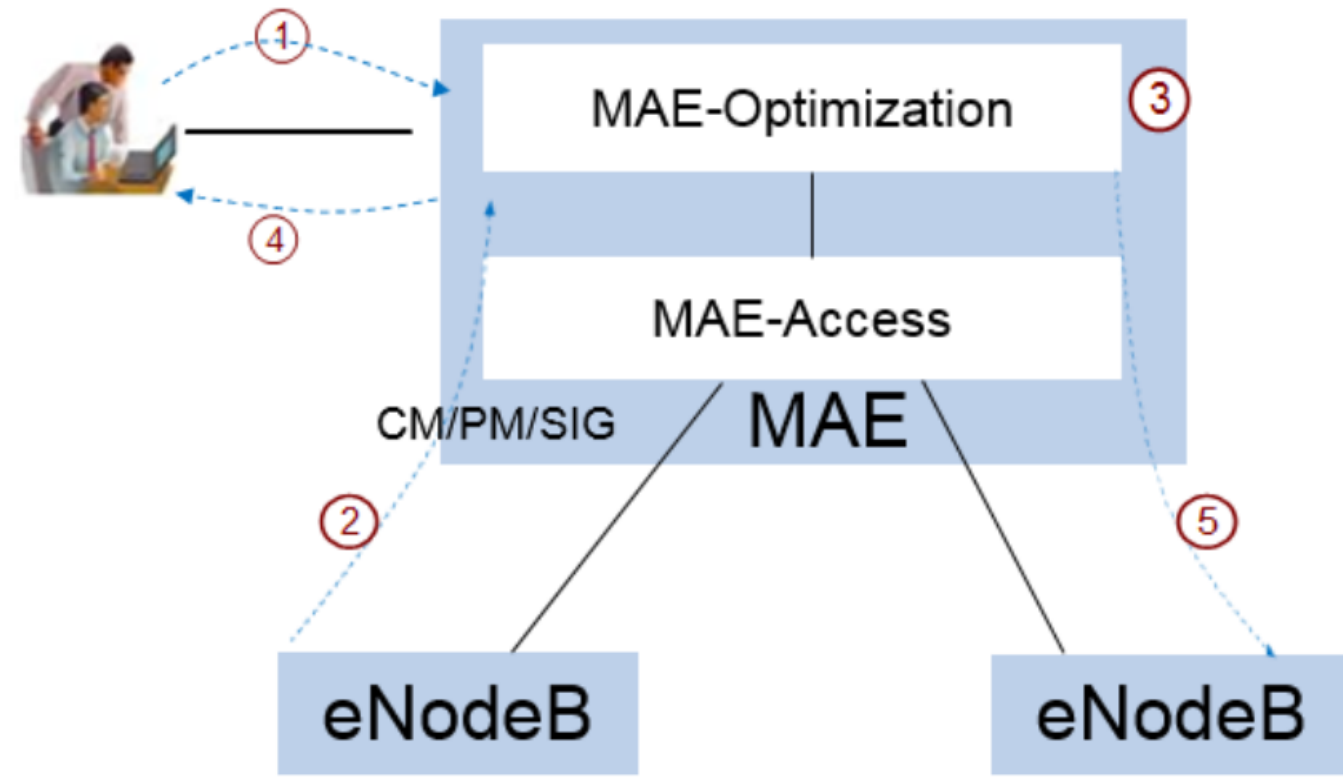


Fig 1. Advice Execution process.

1. Optimization task configuration
2. Data collection
3. Energy saving optimization analysis
4. Optimization advice generation
5. Optimization advice delivery

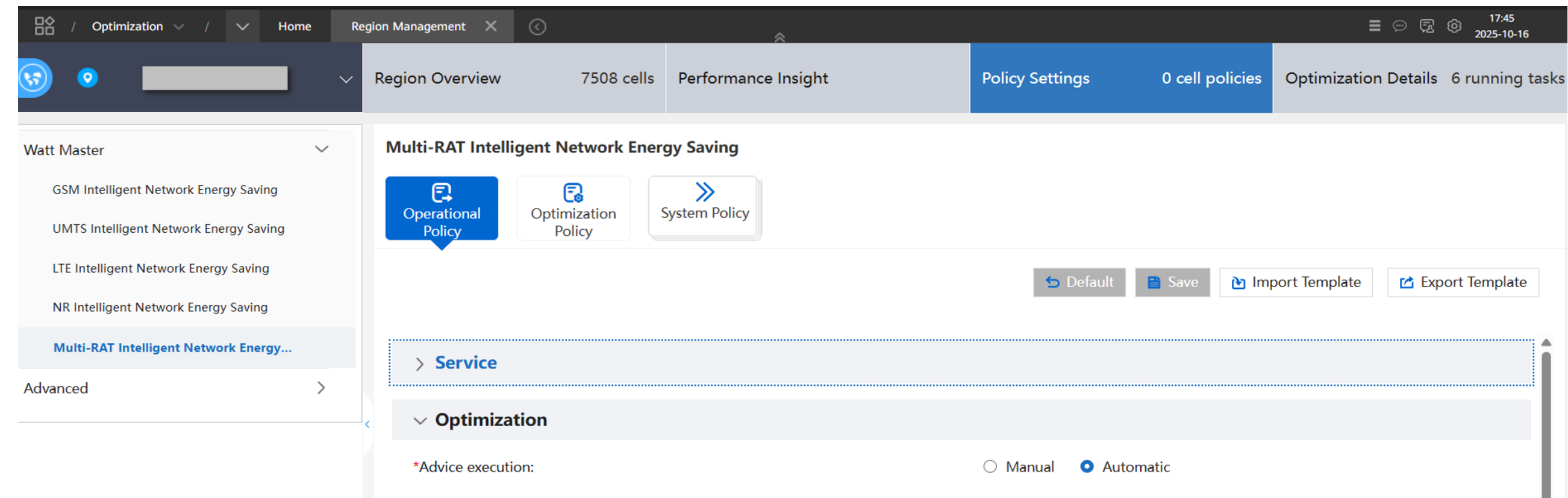


Fig 2. Advice Execution set to Automatic.

Optimization Advice	25-10-10	2025-10-11	2025-10-12	2025-10-13	2025-10-14	2025-10-15	2025-10-16
	0:31:39	00:31:36	00:32:08	00:32:11	00:31:43	00:31:26	00:32:00
Total/Successful/Failed	4/5609/15	6171/6134/37	5724/5687/37	5612/5570/42	5799/5733/66	5467/5349/34	5182/0/0

Execution St...	Acknowledg...	Acknowledge Status	Scheduled Date	Week	eNodeB Name	eNodeB ID	Cell CGI	Cell Na
		Automatic acknowle...	2025-10-16	Thursday	0132		716-	
		Automatic delivery succeeded	2025-10-16	Thursday	0132		716-	
		Automatic acknowle...	2025-10-16	Thursday	0134		716-	
		Automatic acknowle...	2025-10-16	Thursday	0135		716-	

Fig 3. MML advices are generated and scheduled for automatic delivery.

```

1 //AdviceTime:2025-10-15 00:31:26
2 // [013]
3 MOD SYMBOLPWRSAVING:LOCALCELLID=1,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_DY
4 // [013]
5 MOD SYMBOLPWRSAVING:LOCALCELLID=192,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_
6 MOD SYMBOLPWRSAVING:LOCALCELLID=212,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_
7 MOD SYMBOLPWRSAVING:LOCALCELLID=214,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_
8 // [013]
9 MOD SYMBOLPWRSAVING:LOCALCELLID=1,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_DY
10 // [013]
11 MOD SYMBOLPWRSAVING:LOCALCELLID=1,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_DY
12 // [013]
13 MOD SYMBOLPWRSAVING:LOCALCELLID=1,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_DY
14 MOD SYMBOLPWRSAVING:LOCALCELLID=191,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_
15 MOD SYMBOLPWRSAVING:LOCALCELLID=196,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_
16 MOD SYMBOLPWRSAVING:LOCALCELLID=21,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_D
17 MOD SYMBOLPWRSAVING:LOCALCELLID=6,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_DY
18 MOD SYMBOLPWRSAVING:LOCALCELLID=71,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_D
19 // [013]
20 MOD SYMBOLPWRSAVING:LOCALCELLID=1,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_DY
21 MOD SYMBOLPWRSAVING:LOCALCELLID=192,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_
22 MOD SYMBOLPWRSAVING:LOCALCELLID=193,SYMBOLSHUTDOWNENHANCEDSW=CRS_DYNAMIC_MUTING_SW-1&CRS_
    
```

Fig 4. MML Script generated for automatic execution.



Thank you!

