# Comprehensive LGP Demo Summary – Rule 21 Non‑Export

(Ready to paste into an email or Confluence page)

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| # | What was demonstrated | Why it matters |
| 1 Scope & stories | Walk‑through of BR‑2 → BR‑10 for the Link Generation Profile (LGP) feature. | Establishes the template we’ll clone for Rule 21 Export. |
| 2 Conditional display | LGP section appears only when Operating Mode = Parallel and Option 12 is selected on Facility Info. Switching to “Momentary Operation” hides the section but preserves all entered LGP data for later reuse. | Visibility logic to mirror in Export. |
| 3 LGP Yes/No radio | Yes exposes LGP sub‑fields; No lets the case skip LGP without blocking flow. Leaving the radio blank triggers checklist error “Additional permission limit selection is required.” | Branching & validation. |
| 4 Mandatory fields & defaults | • LG PCS Manufacturer / Model • LGP Configuration (demo value “223”) • MT Associated Feeder ID & MT Associated Node • CSV Download Date • Control Name‑Plate Field Rate & Max Steady‑State Rate default to 0.0000 and auto‑pad to 4 decimal places | Data‑quality guard‑rails. |
| 5 “Other” option logic | Selecting Other in Manufacturer or Model clears prior values, shows a free‑text field, and displays additional guidance. If both drop‑downs = Other, extra guidance appears (BR‑6). | Dynamic UI refresh. |
| 6 Help content | Help icon pulls business‑delegated paragraph & photo content; edits via Business Admin reflect instantly in UI and footer. | Keep delegated for Export. |
| 7 Validation rules | Checklist surfaces targeted messages (e.g., “LGP configuration selection is required,” “MT Associated Feeder ID is required.”). | Copy these validate/when rules. |
| 8 Attachment logic (BR‑9/10) | New LGP Profile category in Attachments. Only CSV files pass validation. • Customers may upload/view through Contract Development stage and only when an open task exists. • Internal users see it for the full lifecycle. | Security & stage‑based visibility. |
| 9 Property length & types | Feeder/Node IDs: no hard max (expect 6–8+ alphanumerics). Rate fields: 4‑decimal precision enforced. | Confirm same props in Export. |
| 10 Open demo issues | 1. Right‑align Feeder & Node values. 2. Change error text to “LGP Profile CSV file is mandatory.” 3. Intermittent LGP Profile category display bug—needs root‑cause fix. | Resolve before cloning to Export. |

## Action Checklist to Replicate for Rule 21 Export

1. Section visibility – Save‑as current `when` rules (Parallel + Option 12) into `Rule21Export`.
2. Clone UI sections – `LGPSection`, `HelpContent`, `GuidanceText` → `SCE‑TD‑GIPT‑Work‑Rule21Export`.
3. Reuse delegated paragraphs – Point Export help/footer to the same business‑editable rules.
4. Validation – Duplicate field‑level and checklist validations, including CSV‑only file‑type check.
5. Attachment category – Add LGP Profile to Export; enforce `text/csv` MIME.
6. Data retention – Preserve LGP data when users toggle operating modes.
7. Stage‑based visibility – Update `AttachmentAccessControl`: customers lose LGP access after Contract Development; internal users retain full access.
8. Property mapping – Reuse Feeder/Node properties; keep 4‑decimal precision on rate fields.
9. Regression tests – Cover no/partial LGP, wrong file type, “Other” paths, and happy path.
10. Resolve Non‑Export issues first – Align numbers right, update CSV error copy, fix category‑display bug; then branch to Export to avoid re‑introducing defects.

## Next Steps for the Team

1. Patch the three open issues in the Non‑Export branch.
2. Create a Rule 21 Export branch and execute the action checklist above.
3. Unit‑test Export with at least one case per path (Yes, No, empty, Other, bad CSV, valid CSV).
4. Peer review & merge when tests pass.
5. Demo the Export build for stakeholder sign‑off.
6. Once these steps are complete, Rule 21 Export cases will mirror Non‑Export functionality with all validations and UI improvements in place.