

**GOVERNMENT OF PUERTO RICO
PUERTO RICO PUBLIC SERVICE REGULATORY BOARD
PUERTO RICO ENERGY BUREAU**

NEPR

Received:

Nov 23, 2021

10:00 PM

IN RE:
INFORMES DE PROGRESO DE
INTERCONEXIÓN DE LA AUTORIDAD
DE ENERGÍA ELÉCTRICA DE PUERTO
RICO

CASE NO. NEPR-MI-2019-0016

SUBJECT:

Motion Submitting LUMA's Revised
Interconnections Progress Report, Presentation for
the Compliance Hearing Held on November 18,
2021, and Statistics requested by the ICPO

**MOTION SUBMITTING REVISED INTERCONNECTIONS PROGRESS REPORT,
PRESENTATION OF THE COMPLIANCE HEARING HELD ON
NOVEMBER 18, 2021, AND STATISTICS REQUESTED BY THE ICPO**

TO THE PUERTO RICO ENERGY BUREAU:

COME NOW, LUMA ENERGY, LLC as Management Co., and **LUMA ENERGY
SERVCO, LLC** (collectively, LUMA), through the respective undersigned legal counsel and respectfully state and submit the following:

1. The captioned proceeding involves oversight by this honorable Puerto Rico Energy Bureau ("Energy Bureau") of procedures to handle requests for interconnections of distributed generation systems and microgrids to the Transmission and Distribution System ("T&D System"), pursuant to Acts 57-2014 and 17-2019.

2. Since July 2020, this Energy Bureau has required that the Puerto Rico Electric Power Authority ("PREPA") submit quarterly progress reports on interconnections. See Resolution and Order of July 21, 2020. The docket of this proceeding also reveals that the Energy Bureau has held several compliance hearings.

3. On May 7, 2021, the Energy Bureau issued a Resolution and Order in which it took notice of the transition process underway between LUMA and PREPA ("May 7th Resolution and

Order”). On June 1, 2021, LUMA assumed its role as Operator of the T&D System per the terms of the Puerto Rico Transmission and Distribution System Operation and Maintenance Agreement dated as of June 22, 2020, as supplemented by the Puerto Rico Transmission and Distribution System Supplemental Terms Agreement. In the May 7th Resolution and Order, the Energy Bureau ordered that LUMA shall file the quarterly progress reports that the Energy Bureau has required in this proceeding. See May 7th Resolution and Order on page 1.

4. On August 27, 2021, this Energy Bureau issued a Resolution and Order directing LUMA to file a copy of the presentation to be offered in every compliance hearing with every Interconnections Progress Report (on or before the 13th day of the month the compliance hearing is scheduled). This Energy Bureau set the next compliance hearing for November 18, 2021. See Resolution and Order (*nunc pro tunc*) of August 27, 2021.

5. Accordingly, on November 15, 2021, LUMA filed a *Motion Submitting LUMA’s Interconnections Progress Report for August to October 2021 and Presentation for the Compliance Hearing set for November 18, 2021*, which attached as exhibits the Interconnections Progress Report for the quarter of August through October 2021, the Distributed Generation Systems Data File (“DG Data File”), and the presentation to be offered during the November 18th compliance hearing.

6. On November 17, 2021, LUMA filed a *Motion Submitting LUMA’s Revised Presentation for the Compliance Hearing set for November 18, 2021*. LUMA explained that the numbers included in slides 10 and 11 of the presentation for the wind and solar photovoltaic categories were inverted. Therefore, a revised version of the presentation was being submitted with the correct figures for those categories.

7. On November 18, 2021, the compliance hearing for this instant proceeding was held. During the presentation, a conversation arose on the percentage of people who waited more than 30 days for the net metering agreement to be reflected in their bill after the interconnection notification in the Portal, as stated in slide number eight. LUMA offered to revise the Interconnections Progress Report spreadsheet for August through October 2021 and the percentage shown in the presentation. LUMA offered to submit the revised information on or before November 23, 2021.

8. Also, in the course of the presentation, Eng. Gerardo Cosme of the Independent Consumer Protection Office requested LUMA statistics on how many net metering cases initiated from August through October 2021 were also completed within the Portal. LUMA volunteered to provide the statistic on or before November 23, 2021, as well.

9. In view of the foregoing, LUMA respectfully requests that this Energy Bureau receive and accept the revised spreadsheet of the Interconnections Progress Report for August through October 2021. The revised version incorporates the updated figures. Further, LUMA hereby submits a revised version of the presentation in substitution of the one filed on November 17, 2021, as Exhibit 2 to this Motion. This revised version reflects the revised data in the spreadsheet, including the percentage of customers who waited more than 30 days for the net metering agreement to be reflected in their bill after the interconnection notification in the Portal, as shown in slide number 8.

10. Finally, in response to the request by Engineer Cosme, LUMA notes that approximately 25% of net metering cases activated during the August through October 2021 period were also completed within the Portal.

WHEREFORE, LUMA respectfully requests that the Energy Bureau **take notice** of the aforementioned and **accept** the revised spreadsheet of the Interconnections Progress Report for August through October 2021, included herein as Exhibit 1 to this Motion, and the revised presentation for the compliance hearing held on November 18, 2021, which is submitted as Exhibit 2 to this Motion.

RESPECTFULLY SUBMITTED.

In San Juan, Puerto Rico, this November 23rd, 2021.

I hereby certify that I filed this motion using the electronic filing system of this Energy Bureau and that I will send an electronic copy of this motion to the attorneys for PREPA, Joannely Marrero-Cruz, jmarrero@diazvaz.law; and Katuska Bolaños-Lugo, kbolanos@diazvaz.law. Notice will also be sent to the Office of the Independent Consumer Protection Office, Lcda. Hannia Rivera Diaz, hrivera@jrsp.pr.gov and to counsel for the Puerto Rico Solar Energy Industries Association Corp. (“SESA”), javrua@sesapr.org.



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Exhibit 1

(to be submitted via email)

Exhibit 2



Informe de Progreso de Interconexión de Sistemas de Generación Distribuida Trimestre Agosto a Octubre 2021

NEPR-MI-2019-0016
23 de noviembre del 2021

Agenda

- Evolución de las Solicitudes
 - Solicitudes de Interconexión Sometidas por Período.
 - Número de Clientes con Medición Neta por Período.
 - Número de Solicitudes Pendientes de Medición Neta (Backlog)
 - Proyección de casos Pendientes (Backlog) sin las Mejoras Implementadas por LUMA
 - Métricas Sobre Tiempos Promedio Para Interconexión.
- Medidores bidireccionales.
- Evolución de la Generación de Fuentes de Energía Renovable (MWh).
 - Energía de Sistemas Renovables (MWh).
 - Composición de Energía Adquirida Mediante Sistemas Renovables.
 - Energía Acreditada y Exportada de Clientes con Medición Neta, total y por cliente.
 - Total de la Generación Renovable: (i) Generación Distribuida (DG), (ii) PPOA, (MWh)
 - Distribución total de energía a clientes por Luma (GWh).
 - Cartera de Energía Renovable.
 - Progreso del Plan de Acción.



Solicitudes de Interconexión Sometidas por Período

4,548 solicitudes fueron sometidas durante el período de Ago-Oct 2021

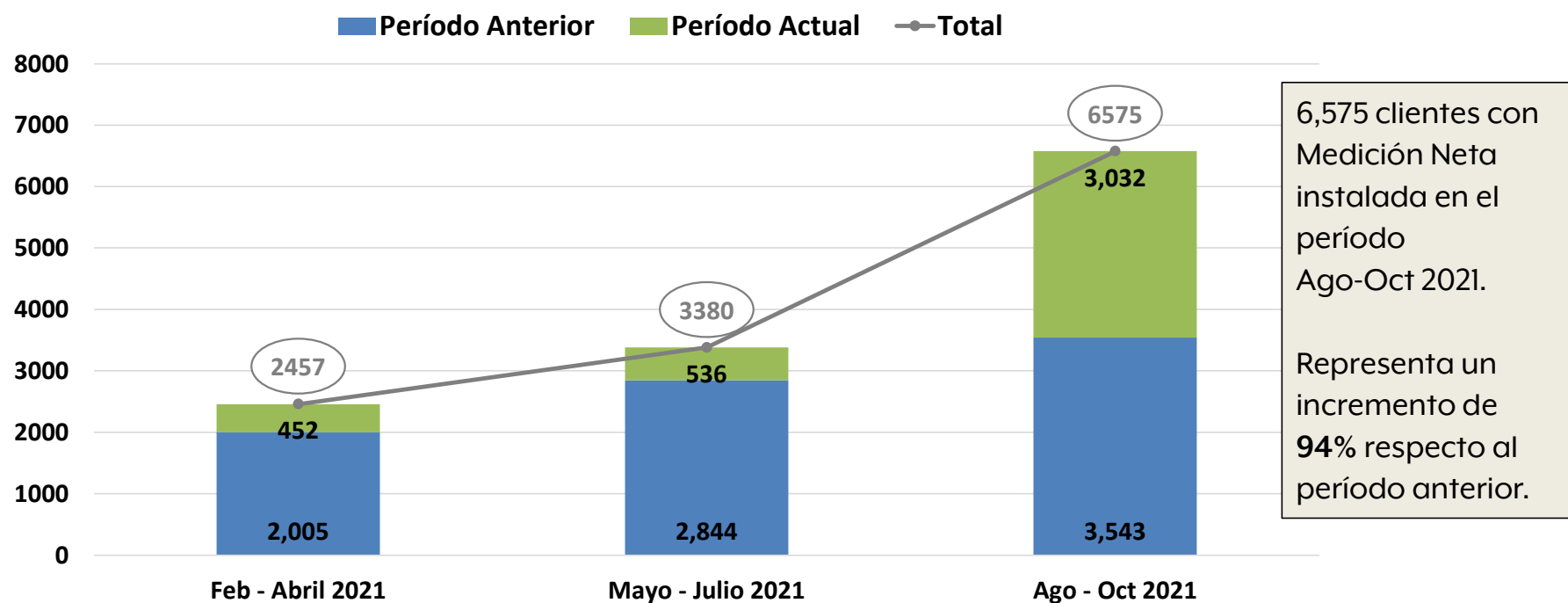
Tipo de Solicitud	Feb – Abr 2021	May – Jul 2021	Ago – Oct 2021
Flujo Expedito	3,552	3,095	4,483
Flujo Regular	70	28	37
Mayores de 25 kW	20	24	23
Transmisión	0	3	5
Total	3,642	3,150	4,548

Solicitudes de Interconexión Sometidas por Período(cont.)

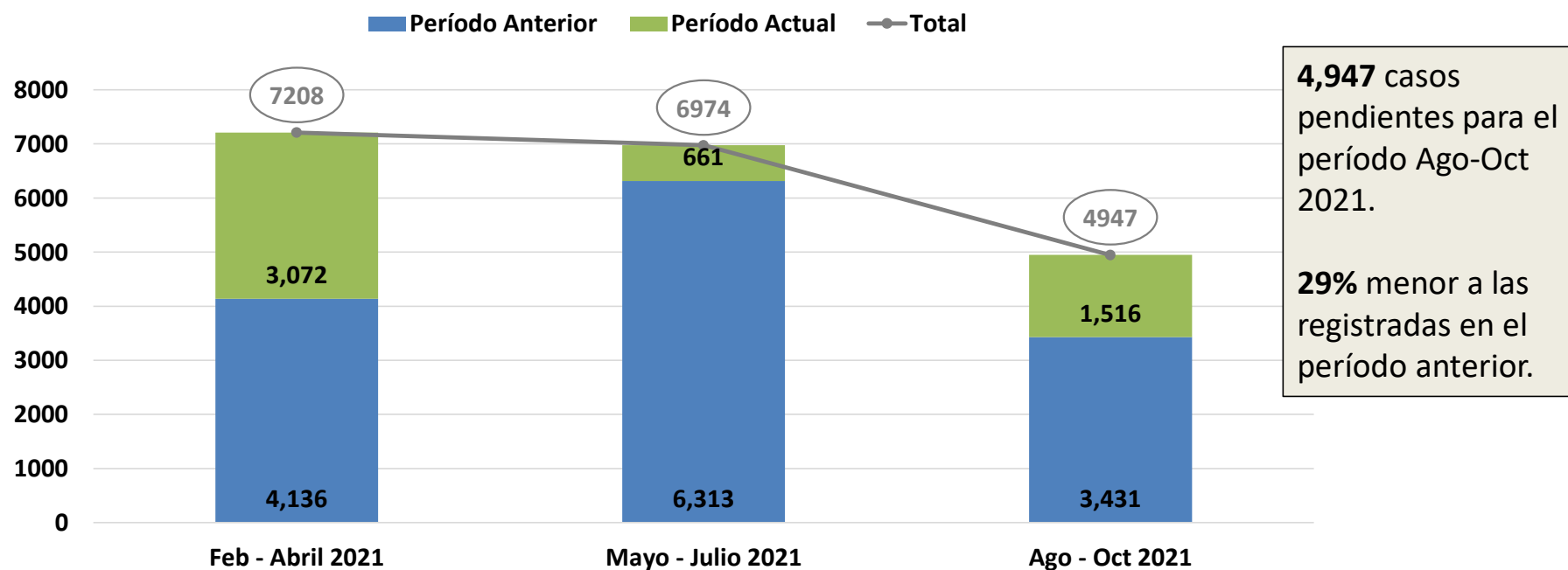
Solicitudes sometidas por tipo de cliente.

Tipo de Cliente	Feb – Abr 2021	May – Jul 2021	Ago – Oct 2021
Residencial	3,563	3,080	4,437
Comercial	75	66	103
Industrial	4	4	8
Total	3,642	3,150	4,548

Número de Clientes con Medición Neta por Período

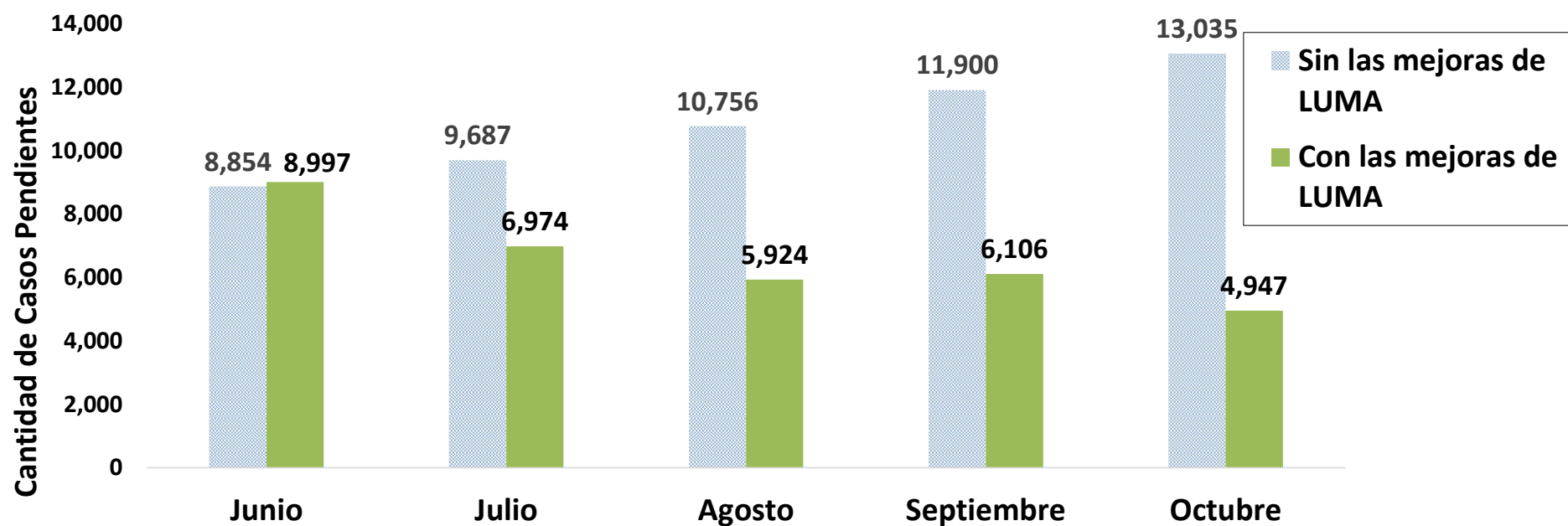


Número de Solicitudes Pendientes de Medición Neta (Backlog)



Proyección de casos Pendientes (*Backlog*) con y sin las Mejoras Implementadas por LUMA

Sin las mejoras implementadas por LUMA al Programa de Medición Neta, el total de casos pendientes (backlog) a finales de Octubre hubiera alcanzado los 13,035, a diferencia de los 4,947 que tuvimos al cierre del período.



Métricas sobre Tiempos Promedio para Interconexión

Requerimiento	Métrica
Tiempo promedio para autorizar la interconexión de los sistemas de GD de los casos recibidos en el período.	21 días
Tiempo promedio transcurrido entre el momento en que un cliente notifica a LUMA la interconexión de su sistema de GD y que se refleje el acuerdo de medición neta en la factura de dicho cliente.	107 días
Clientes que esperaron más de treinta (30) días para que se refleje el acuerdo de medición neta en su factura, posterior a la notificación de interconexión en el Portal.	65%

Nota: Casos antiguos tiene prioridad.

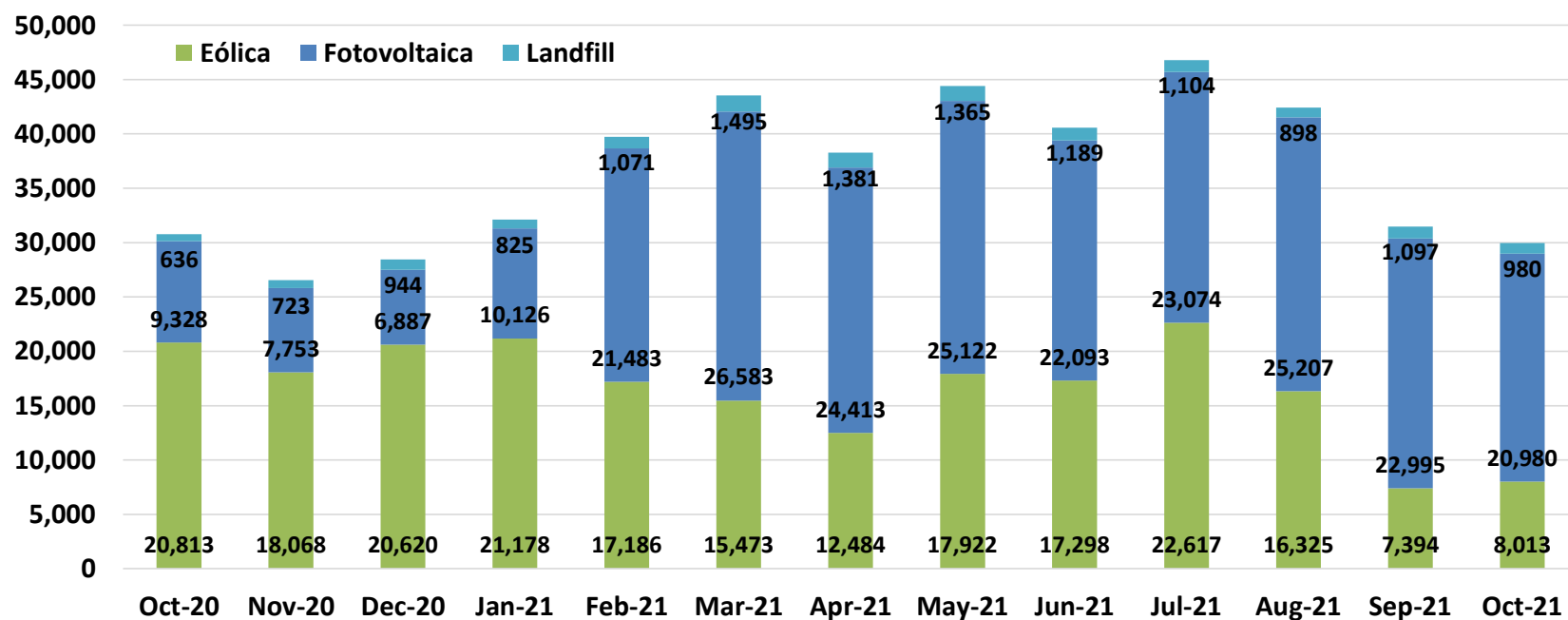


Medidores Bidireccionales

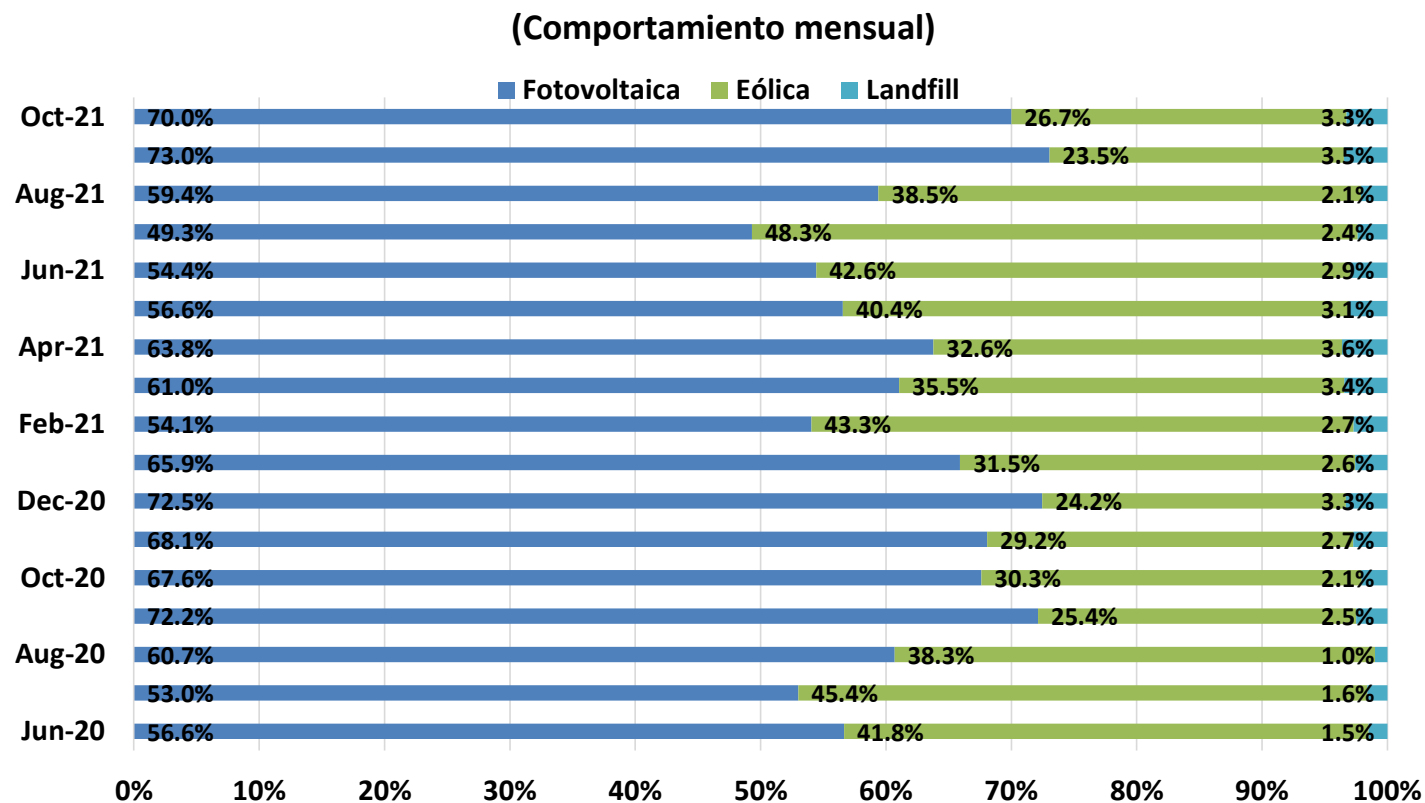
- En el presente período, se instalaron 744 medidores para medición neta.
- Para el próximo trimestre, se espera la llegada de unos 7,000 medidores bidireccionales.

Energía de Sistemas Renovables (MWh)

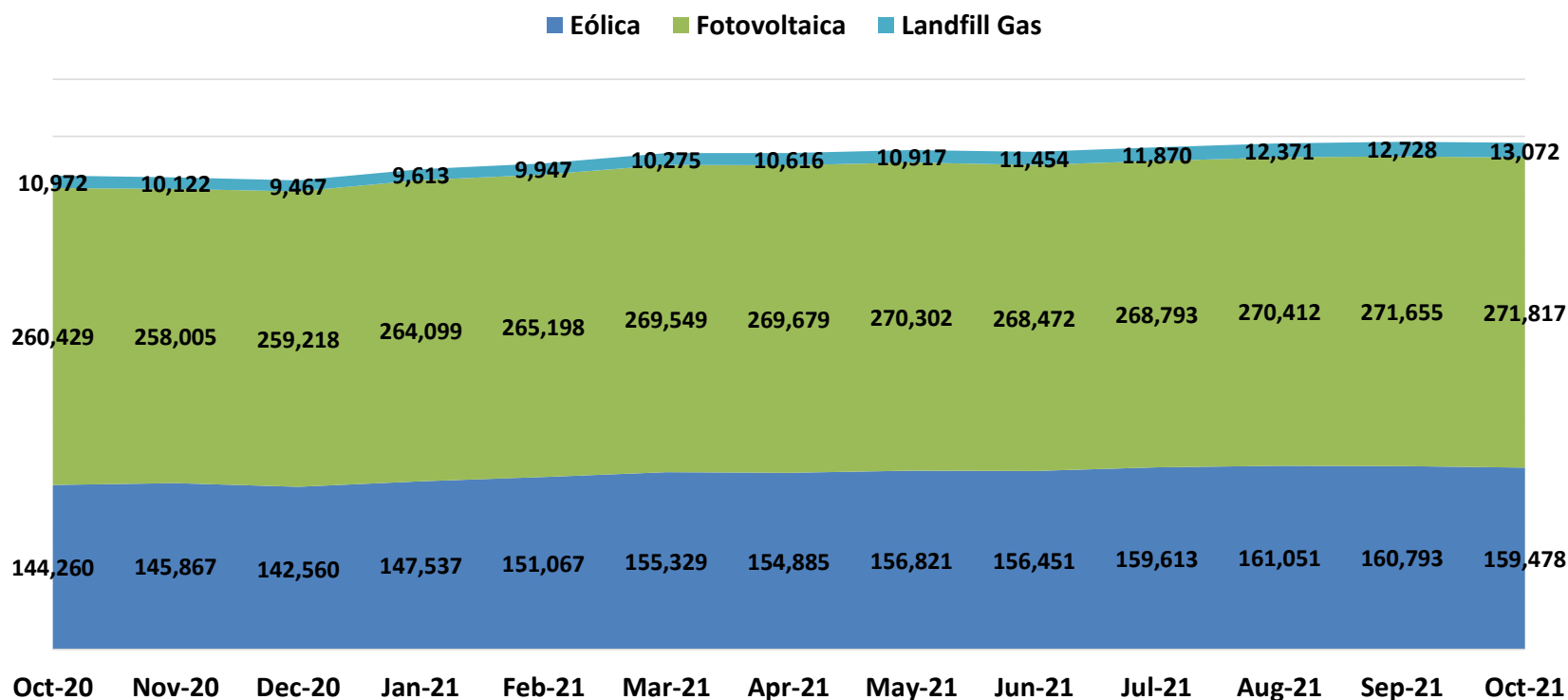
Comportamiento mensual



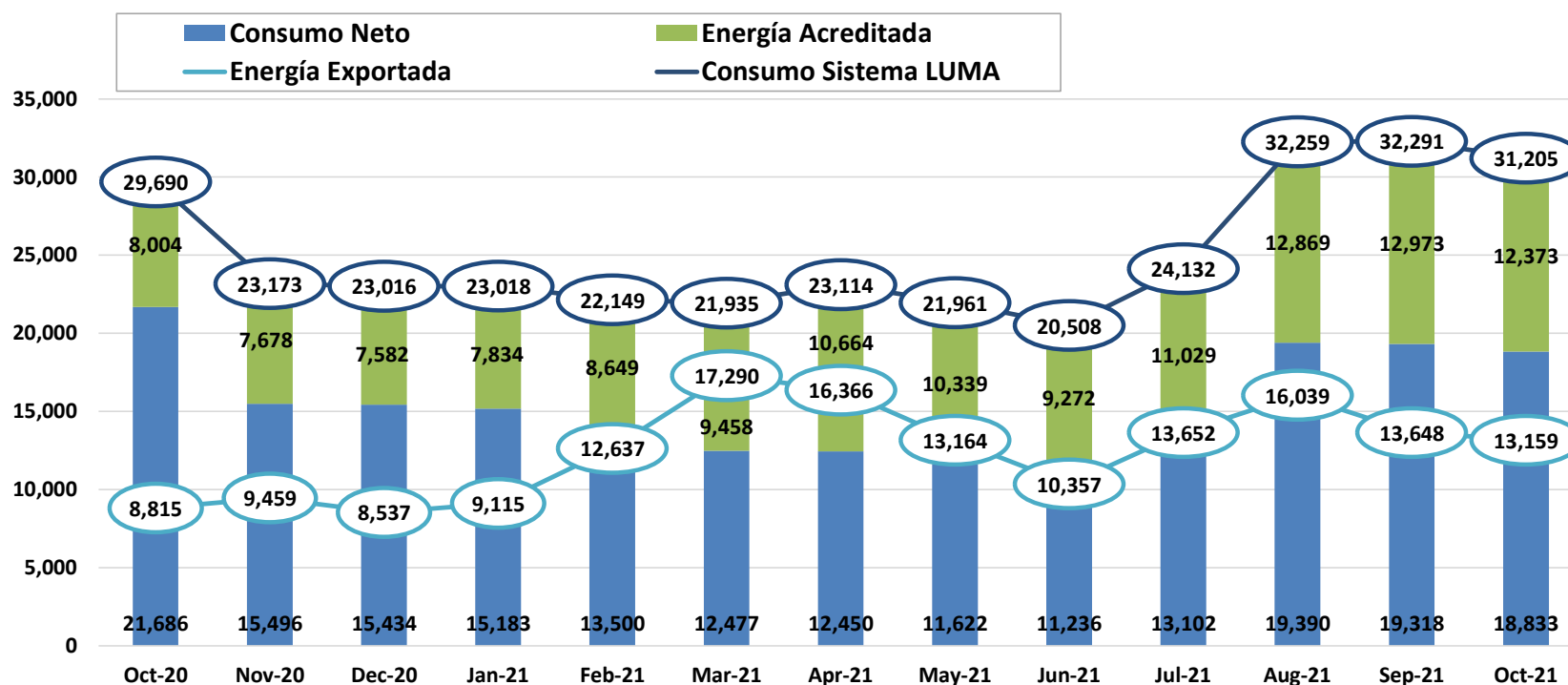
Composición de Energía Adquirida mediante Sistemas Renovables



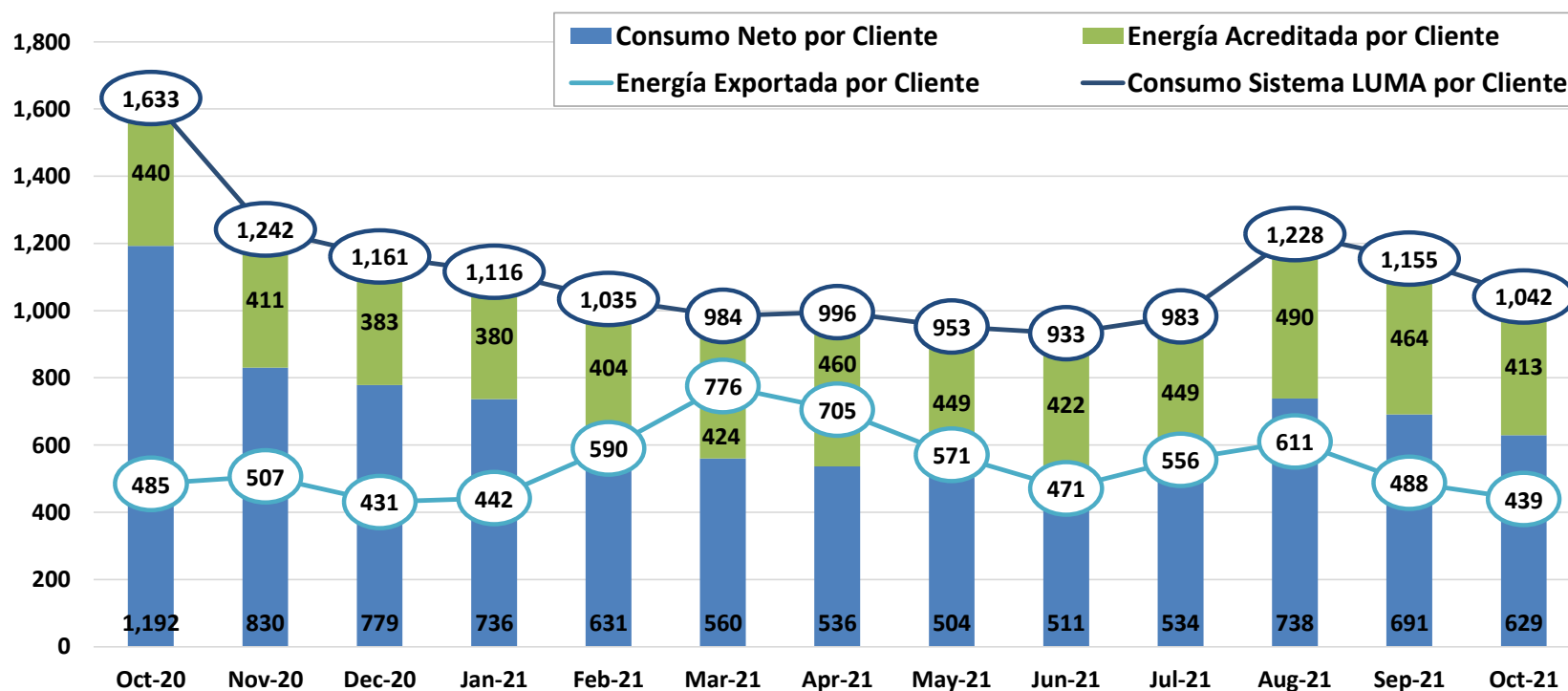
Energía de Sistemas Renovables (MWh) (Acumulación 12 meses)



Energía Acreditada y Exportada de Clientes en Medición Neta (MWh)

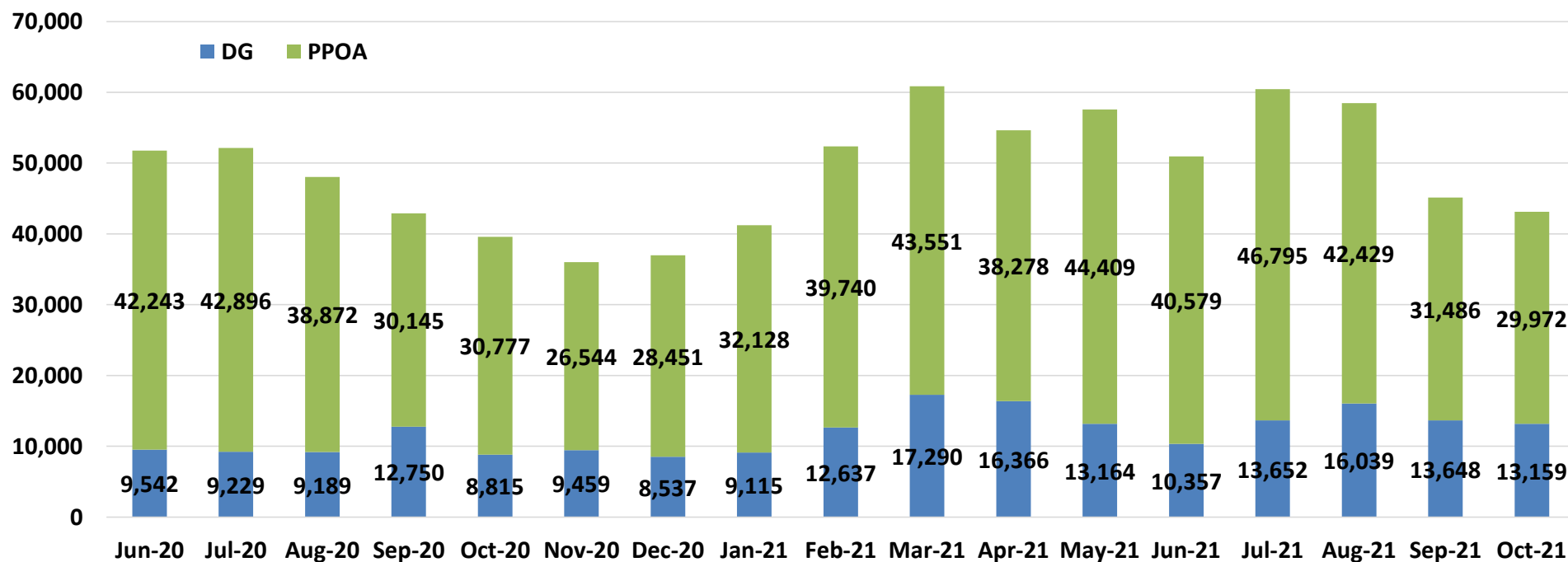


Energía Acreditada y Exportada de Clientes en Medición Neta (KWh/Cliente)



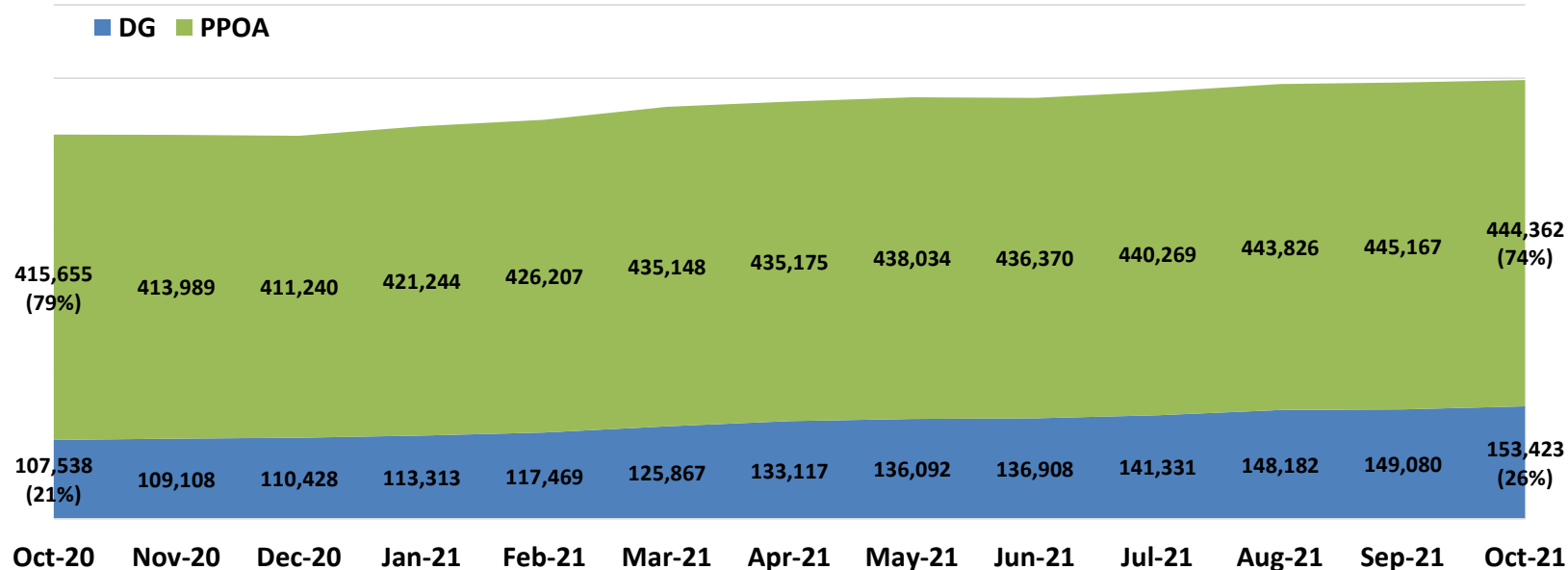
Total de la Generación Renovable (MWh): (i) Generación Distribuida (DG), (ii) PPOA

Comportamiento Mensual

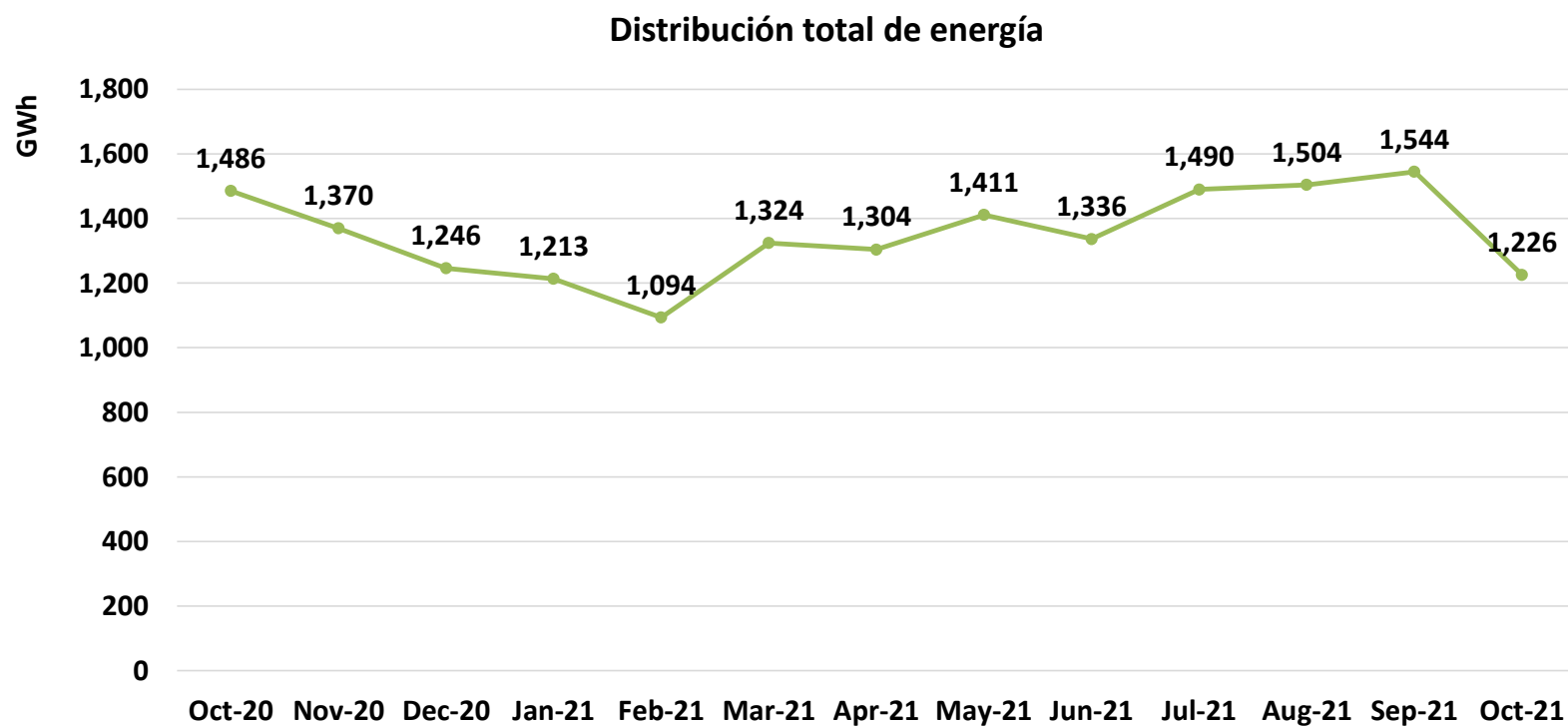


Total de la Generación Renovable (MWh): (i) Generación Distribuida (DG), (ii) PPOA (cont.)

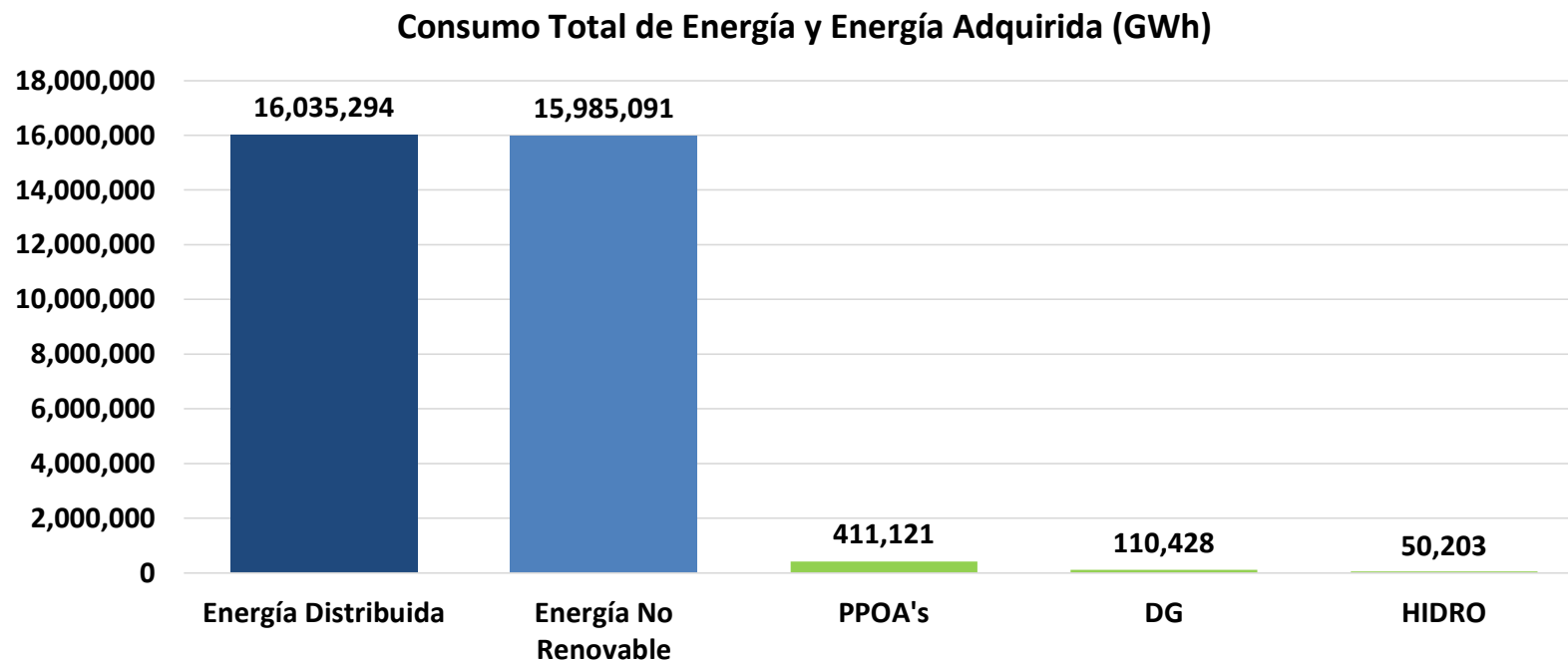
Acumulación 12 meses



Distribución total de energía a clientes (GWh)



Cartera de Energía Renovable



Actualmente nuestra cartera de Energía Renovable representa el 3.26% del consumo total de energía. Los cálculos se basan en los datos recopilados durante el año natural 2020.

Progreso del Plan de Acción

Actividad	Descripción	Comentarios	Status
1	Centralizar Funciones	- Actividad concluida. - Se centralizó el control del Programa. - Estudios y Facturación se mantienen descentralizados.	Completado
2	Acelerar activación de MN	- Se ejecuta de acuerdo al plan de control de casos pendientes - Se han procesado unas 9,000 solicitudes desde el inicio de las operaciones de Luma (hasta 10/31)	En progreso
3	Proveer comunicaciones adicionales	- Se mantendrá publicándose la lista simplificada hasta que se elimine el backlog y el Portal se utilice de manera normal.	En progreso
4	Ejecutar mejoras al Portal Web	- Se han corregido errores de región. - Acceso a la base de datos del Portal fue corregido (centralizado). - Se realizó el cambio de marca (LUMA) - Trabajamos en automatización de documentos y funcionalidad de cierre de casos.	En progreso
5	Plan de Personal	- Se contrataron 4 analistas adicionales (Control del Programa). - Se contrataron 5 recursos adicionales para activaciones de MN (Facturación).	Completado



Gracias

