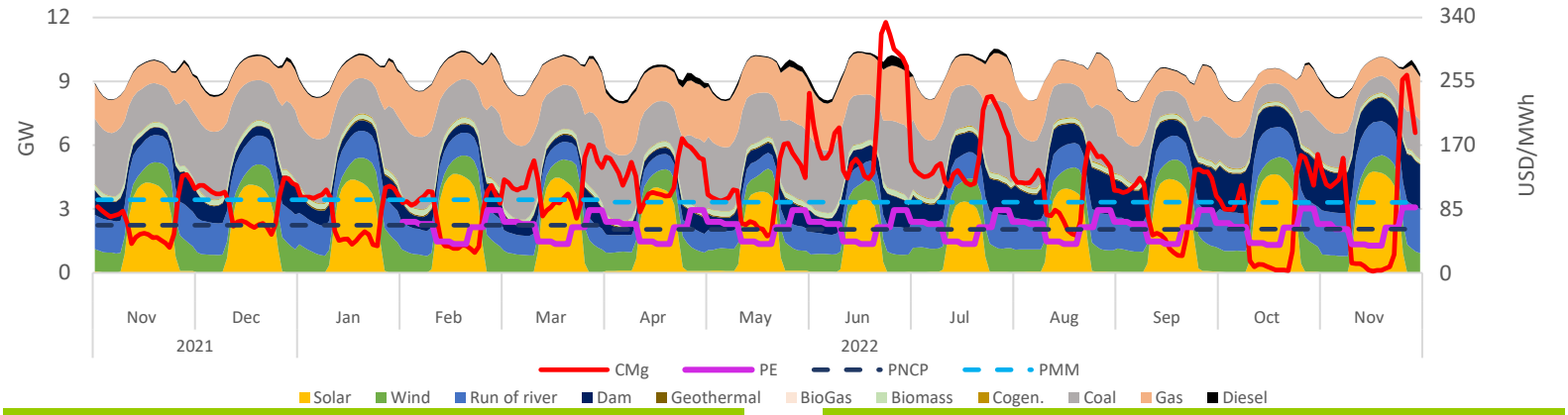
PMG/D Market Report (Chile)

Nov - 2022

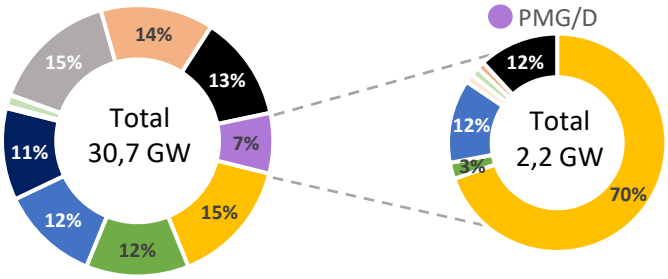
Executive Summary & Highlights

During nov, SEN´s installed capacity was 30.686 MW, producing a total of 6,71 TWh, where NCRE technologies represented an 35% of the produced energy (2,36 TWh). It is expected that an additional 9.180 MW come into operation, of which 99% are NCRE plants (see "Summary Table - Projects Status"). Regarding the PMG/D segment, which represents 7% (2,2 GW) of SEN´s installed capacity, and 7% (0,49 TWh) of the injected energy in the system, where solar stands out with 77% of the generation (375 GWh), followed by hydro with 19% (94 GWh) and wind representing 2% (11 GWh). Finally, the stabilized price mechanism cost above marginal price meant a systemic cost of MMUSD 12,4 ; that was distributed among Solar, Hydraulic and Wind generation plants as 14 ; -2 and -0,5 MMUSD respectively.

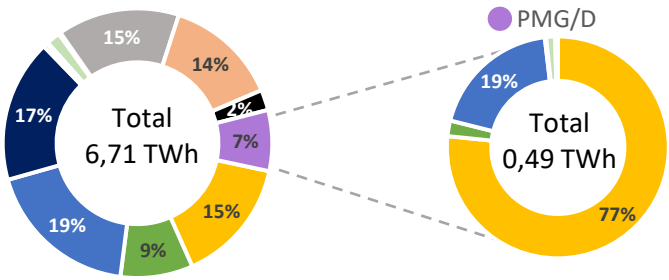
SEN Daily Hourly Average Technology Mix Production, and Alto Jahuel's Prices



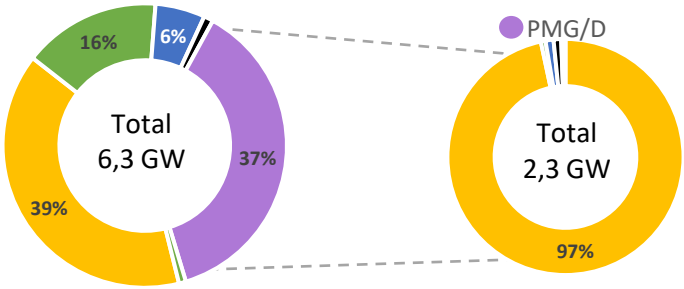
SEN's Installed Capacity [2]



SEN's Generation [3]



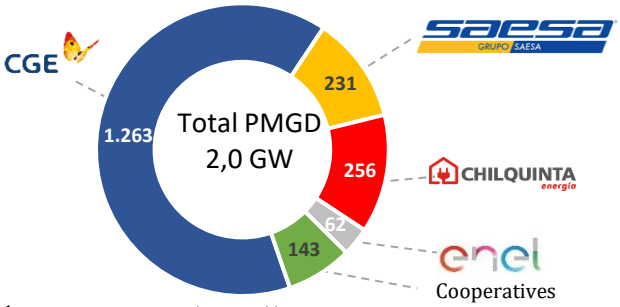
Projects Under Construction [4]



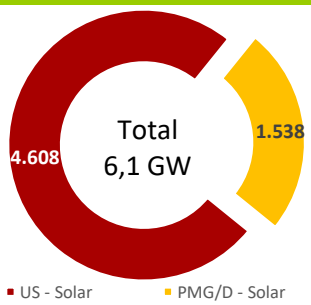
Summary Table – Project Status

Technology MW	Commissioning Stage [2]	Under Construction	Environmental Approved [5]	Environmental Undergoing [6]
Solar	1.830	4.731	658	334
Wind	162	996	36	346
Run of river	34	380	0	0
Geotérmica	33	0	0	0
Biomass	166	3	0	0
Bess	0	60	0	0
Gas	0	0	0	0
Diesel	0	91	0	0
Total	2.225	6.261	694	680

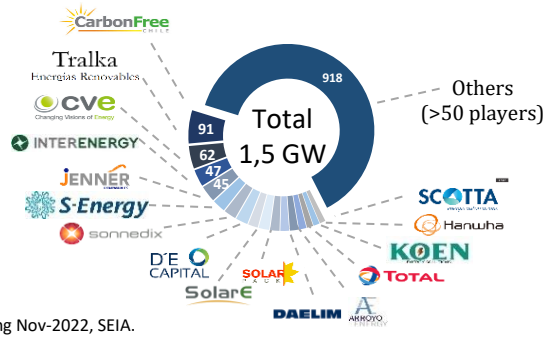
PMGD Installed Capacity by Distributor [7]



Solar Installed Capacity [2]



Solar PMG/D Operating Projects Market Share [7]



[1] NCRE: Non Conventional Renewable Energy.
[2] Installed Capacity, CNE Nov 2022.
[3] SEN's operation reports, CEN Nov 2022.
[4] Projects under construction, CNE Nov 2022.
[5] Projects approved during Nov-2022, SEIA.
[6] Projects Currently being Evaluated, Nov-2022, SEIA.
[7] Based on public information.

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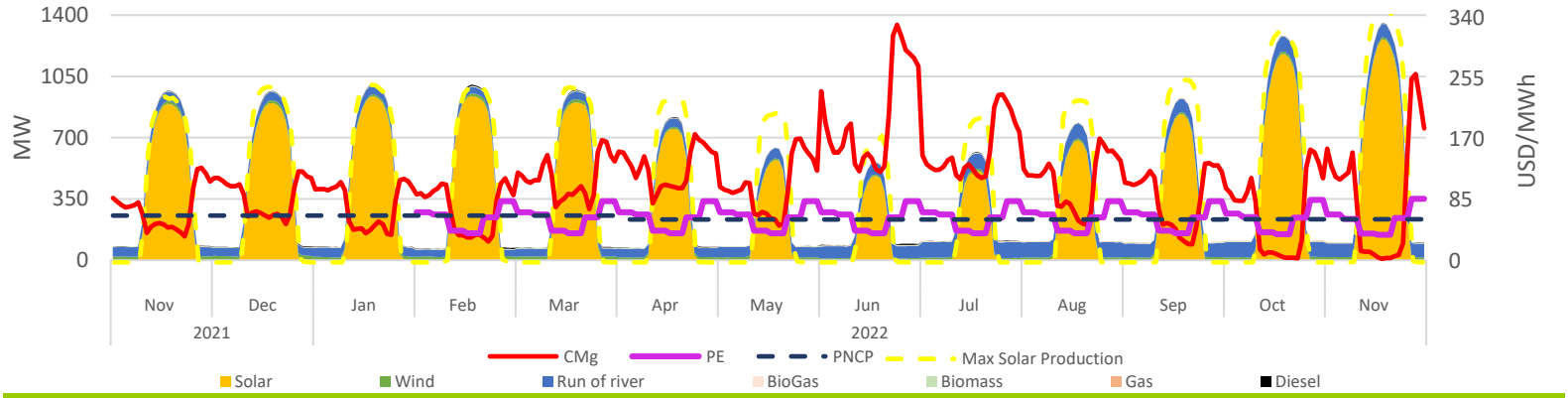
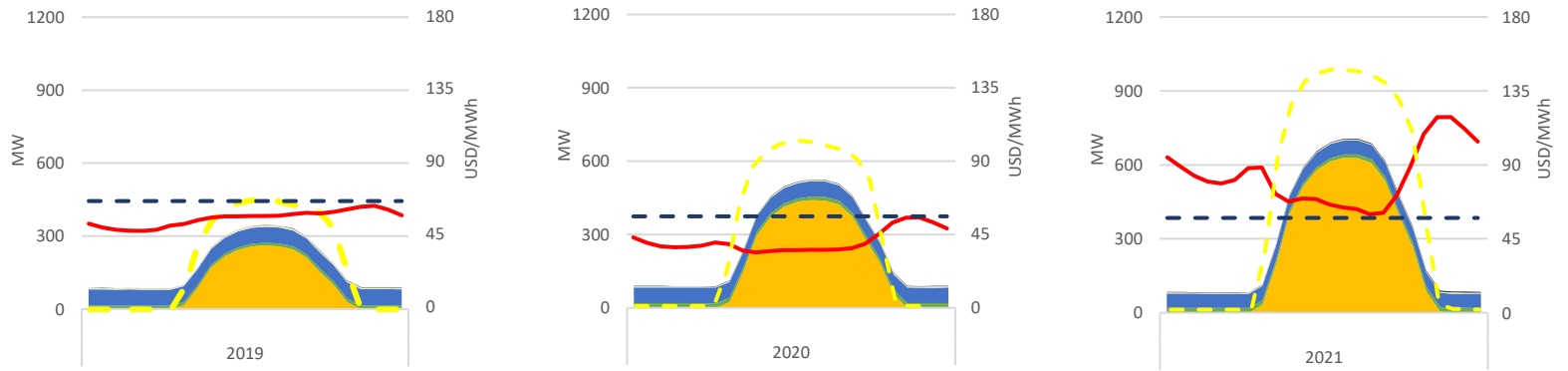
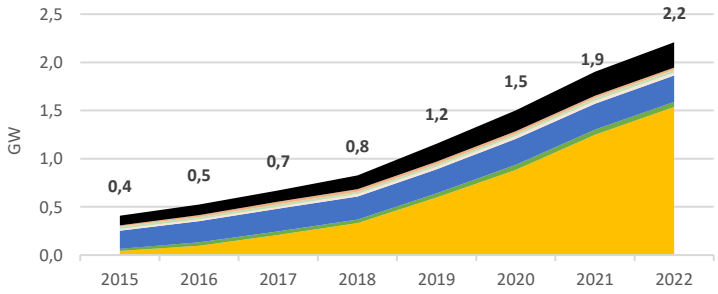
PMG/D Daily Hourly Average Production and Alto Jahuel's Prices



PMG/D Daily Hourly Average Production and Alto Jahuel's Prices

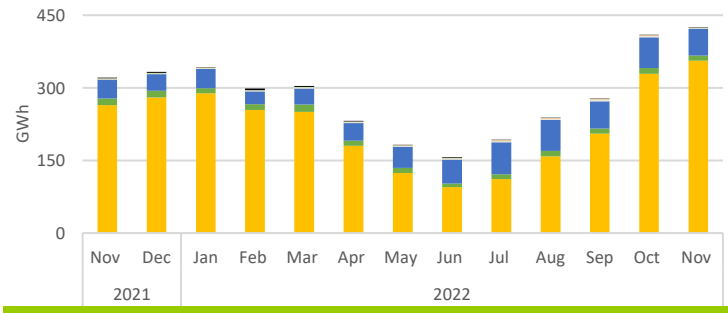


Installed Capacity by Technology



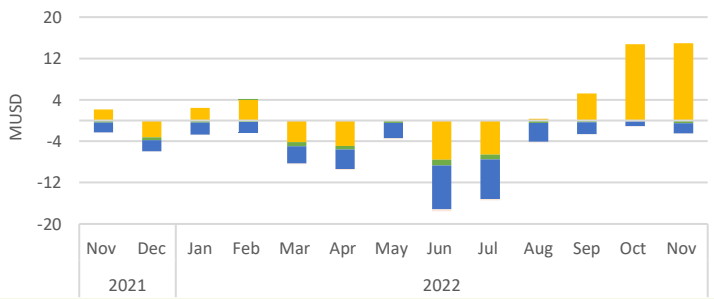
Technology MW	Nov-21	Oct-22	Nov-22	Nov-22 - Oct-22 Var. %
Solar	1.084	1.508	1.538	2%
Wind	53	53	53	0%
Run of river	270	274	274	0%
Biomass	29	29	29	0%
BioGas	28	28	28	0%
Gas	25	25	25	0%
Diesel	251	259	262	1%
Total	1.736	2.176	2.209	2%

Generation by Technology



Technology GWh	Nov-21	Oct-22	Nov-22	Nov-22 - Oct-22 Var. %
Solar	273	321	376	17%
Wind	14	12	11	-7%
Run of river	72	106	94	-11%
Biomass	8	6	6	7%
BioGas	0	2	1	-50%
Gas	1	1	1	-37%
Diesel	2	0	1	0%
Total	370	448	490	9%

Stabilized Price Mechanism Cost



Technology kUSD	Nov-21	Oct-22	Nov-22	Nov-22 - Oct-22 Var. %
Solar	2.126	14.782	14.937	1%
Wind	-402	-126	-544	-331%
Run of river	-1.894	-982	-1.984	-102%
Biomass	0	0	0	0%
BioGas	-41	-5	-8	-68%
Gas	0	0	0	0%
Diesel	0	0	0	0%
Total	-211	13.669	12.402	0%

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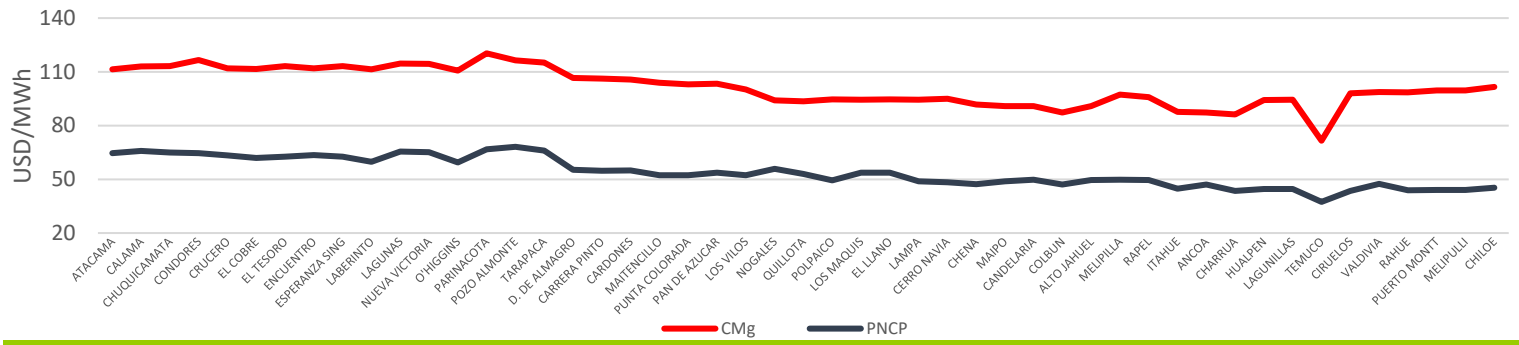
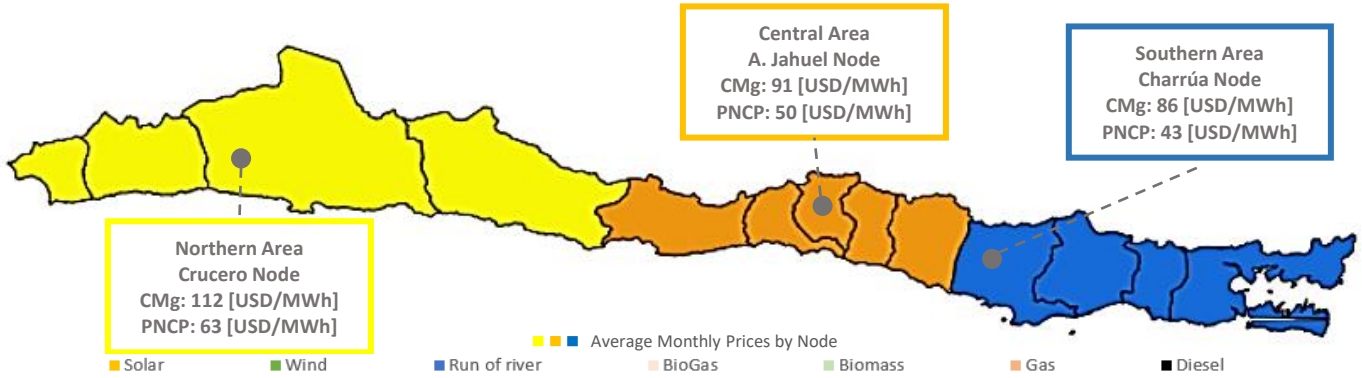
Average Monthly Prices by Node

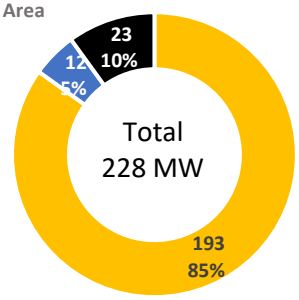


SEN's November - 2022 Average Prices by Node and Geographic Area

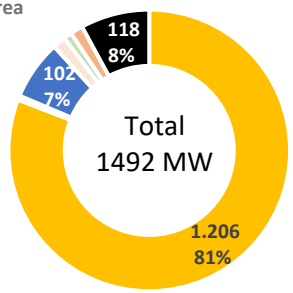


PMG/D Installed Capacity by Geographic Area

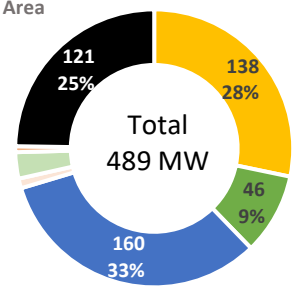
Northern Area



Central Area

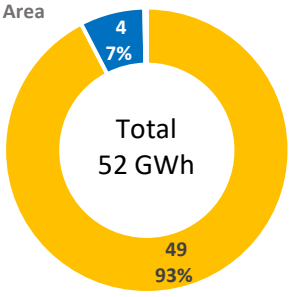


Southern Area

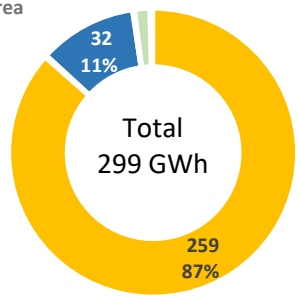


PMG/D Generation by Geographic Area

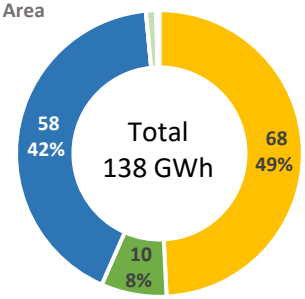
Northern Area



Central Area

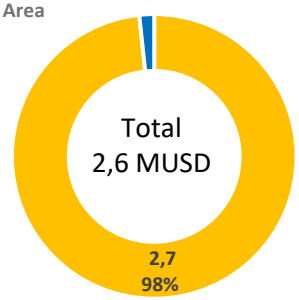


Southern Area

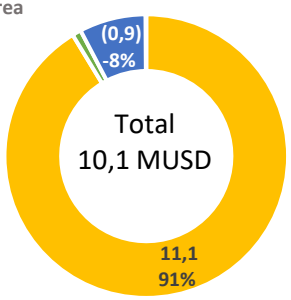


PMG/D Stabilized Price Mechanism Cost by Geographic Area

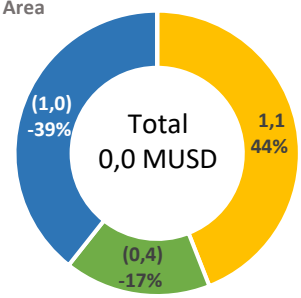
Northern Area



Central Area



Southern Area



Luis A. Díaz
Analista de Mercado y Regulación