

APPENDIX D

Economic Impact – Every Metro Alternative Resource Plans

Plan:	MAAAA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,867		
2023	1,931		
2024	1,963		
2025	1,961		
2026	1,947		
2027	1,956		
2028	1,973		
2029	1,983		
2030	2,040		
2031	2,062		
2032	2,081		
2033	2,134		
2034	2,154		
2035	2,163		
2036	2,277		
2037	2,330		
2038	2,371		
2039	2,480		

Plan:	MAACL		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,858		
2023	1,910		
2024	1,949		
2025	1,954		
2026	1,948		
2027	1,968		
2028	2,000		
2029	2,017		
2030	2,087		
2031	2,124		
2032	2,157		
2033	2,221		
2034	2,263		
2035	2,291		
2036	2,410		
2037	2,472		
2038	2,519		
2039	2,636		

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Plan:	MAAEA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,852		
2023	1,890		
2024	1,926		
2025	1,924		
2026	1,911		
2027	1,932		
2028	1,962		
2029	1,970		
2030	2,037		
2031	2,072		
2032	2,095		
2033	2,156		
2034	2,189		
2035	2,202		
2036	2,320		
2037	2,383		
2038	2,432		
2039	2,549		

Plan:	MBBBA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,858		
2023	1,909		
2024	1,940		
2025	1,940		
2026	1,925		
2027	1,937		
2028	1,956		
2029	1,968		
2030	2,023		
2031	2,040		
2032	2,064		
2033	2,119		
2034	2,144		
2035	2,165		
2036	2,278		
2037	2,328		
2038	2,373		
2039	2,485		

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Plan:	MBBCA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,856		
2023	1,902		
2024	1,934		
2025	1,933		
2026	1,917		
2027	1,930		
2028	1,952		
2029	1,958		
2030	2,015		
2031	2,040		
2032	2,059		
2033	2,116		
2034	2,147		
2035	2,165		
2036	2,279		
2037	2,334		
2038	2,379		
2039	2,492		

Plan:	MBBCL		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,858		
2023	1,910		
2024	1,949		
2025	1,954		
2026	1,948		
2027	1,968		
2028	2,000		
2029	2,017		
2030	2,085		
2031	2,122		
2032	2,154		
2033	2,219		
2034	2,268		
2035	2,305		
2036	2,425		
2037	2,484		
2038	2,566		
2039	2,677		

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Plan:	MBBCW		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,878		
2023	1,915		
2024	1,944		
2025	1,941		
2026	1,923		
2027	1,934		
2028	1,955		
2029	1,960		
2030	2,015		
2031	2,038		
2032	2,055		
2033	2,112		
2034	2,142		
2035	2,158		
2036	2,271		
2037	2,325		
2038	2,369		
2039	2,481		

Plan:	MBBDA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,855		
2023	1,902		
2024	1,934		
2025	1,934		
2026	1,919		
2027	1,934		
2028	1,959		
2029	1,966		
2030	2,025		
2031	2,053		
2032	2,073		
2033	2,131		
2034	2,165		
2035	2,183		
2036	2,298		
2037	2,353		
2038	2,400		
2039	2,513		

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Plan:	MBBEA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,852		
2023	1,890		
2024	1,926		
2025	1,924		
2026	1,911		
2027	1,932		
2028	1,962		
2029	1,970		
2030	2,035		
2031	2,070		
2032	2,092		
2033	2,155		
2034	2,196		
2035	2,218		
2036	2,363		
2037	2,421		
2038	2,469		
2039	2,620		

Plan:	MBFCA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,836		
2021	1,850		
2022	1,854		
2023	1,887		
2024	1,932		
2025	1,940		
2026	1,926		
2027	1,940		
2028	1,961		
2029	1,968		
2030	2,023		
2031	2,048		
2032	2,068		
2033	2,122		
2034	2,147		
2035	2,156		
2036	2,270		
2037	2,325		
2038	2,371		
2039	2,484		

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Plan:	MCBCA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,856		
2023	1,902		
2024	1,934		
2025	1,933		
2026	1,917		
2027	1,930		
2028	1,952		
2029	1,958		
2030	2,016		
2031	2,040		
2032	2,058		
2033	2,115		
2034	2,147		
2035	2,166		
2036	2,281		
2037	2,335		
2038	2,380		
2039	2,493		

Plan:	MCCCA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,856		
2023	1,902		
2024	1,934		
2025	1,933		
2026	1,917		
2027	1,929		
2028	1,952		
2029	1,968		
2030	2,031		
2031	2,055		
2032	2,075		
2033	2,129		
2034	2,153		
2035	2,162		
2036	2,278		
2037	2,332		
2038	2,377		
2039	2,490		

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Plan:	MDDCA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,856		
2023	1,902		
2024	1,934		
2025	1,933		
2026	1,917		
2027	1,929		
2028	1,952		
2029	1,967		
2030	2,030		
2031	2,053		
2032	2,072		
2033	2,131		
2034	2,165		
2035	2,184		
2036	2,295		
2037	2,345		
2038	2,390		
2039	2,502		

Plan:	MEECA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,851		
2022	1,856		
2023	1,902		
2024	1,933		
2025	1,930		
2026	1,912		
2027	1,924		
2028	1,944		
2029	1,953		
2030	2,026		
2031	2,064		
2032	2,081		
2033	2,132		
2034	2,161		
2035	2,170		
2036	2,279		
2037	2,333		
2038	2,372		
2039	2,483		

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Plan:	MEGCA		
Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	1,835		
2021	1,849		
2022	1,852		
2023	1,897		
2024	1,930		
2025	1,942		
2026	1,938		
2027	1,952		
2028	1,971		
2029	1,975		
2030	2,029		
2031	2,052		
2032	2,070		
2033	2,121		
2034	2,150		
2035	2,160		
2036	2,269		
2037	2,323		
2038	2,363		
2039	2,474		

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**Economic Impact – Combined Company - Alternative
Resource Plans**

Plan:	E6PGA		
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,762		
2024	5,872		
2025	5,971		
2026	6,053		
2027	6,212		
2028	6,349		
2029	6,463		
2030	6,787		
2031	6,913		
2032	7,052		
2033	7,295		
2034	7,601		
2035	7,846		
2036	8,069		
2037	8,404		
2038	8,669		
2039	8,954		

Plan:	E8PGA		
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,762		
2024	5,874		
2025	5,974		
2026	6,058		
2027	6,218		
2028	6,357		
2029	6,466		
2030	6,722		
2031	6,848		
2032	6,961		
2033	7,246		
2034	7,548		
2035	7,757		
2036	8,013		
2037	8,316		
2038	8,587		
2039	8,866		

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Plan: E8PGB			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,762		
2024	5,874		
2025	5,974		
2026	6,058		
2027	6,218		
2028	6,357		
2029	6,466		
2030	6,722		
2031	6,849		
2032	6,964		
2033	7,200		
2034	7,512		
2035	7,742		
2036	8,052		
2037	8,327		
2038	8,576		
2039	8,819		

Plan: EAAGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,944		
2026	6,027		
2027	6,188		
2028	6,326		
2029	6,440		
2030	6,703		
2031	6,822		
2032	6,940		
2033	7,138		
2034	7,336		
2035	7,560		
2036	7,985		
2037	8,279		
2038	8,507		
2039	8,854		

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Plan: EAAGS			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,887		
2025	5,958		
2026	6,035		
2027	6,188		
2028	6,321		
2029	6,431		
2030	6,687		
2031	6,803		
2032	6,917		
2033	7,111		
2034	7,305		
2035	7,525		
2036	7,946		
2037	8,239		
2038	8,434		
2039	8,783		

Plan: ECCGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,944		
2026	6,027		
2027	6,186		
2028	6,325		
2029	6,449		
2030	6,724		
2031	6,844		
2032	6,988		
2033	7,180		
2034	7,377		
2035	7,634		
2036	8,079		
2037	8,363		
2038	8,584		
2039	8,933		

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Plan:	ECPGA		
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,367		
2021	5,506		
2022	5,624		
2023	5,752		
2024	5,863		
2025	5,958		
2026	6,047		
2027	6,207		
2028	6,345		
2029	6,457		
2030	6,716		
2031	6,837		
2032	6,981		
2033	7,173		
2034	7,371		
2035	7,628		
2036	8,073		
2037	8,358		
2038	8,579		
2039	8,927		

Plan:	EDDGA		
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,944		
2026	6,027		
2027	6,188		
2028	6,326		
2029	6,439		
2030	6,700		
2031	6,818		
2032	6,936		
2033	7,135		
2034	7,404		
2035	7,638		
2036	8,081		
2037	8,399		
2038	8,588		
2039	8,937		

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Plan:	EDPGA		
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,508		
2022	5,624		
2023	5,751		
2024	5,881		
2025	5,978		
2026	6,062		
2027	6,223		
2028	6,357		
2029	6,469		
2030	6,724		
2031	6,846		
2032	6,961		
2033	7,158		
2034	7,385		
2035	7,606		
2036	8,050		
2037	8,369		
2038	8,559		
2039	8,909		

Plan:	EEEGA		
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,859		
2025	5,940		
2026	6,021		
2027	6,179		
2028	6,314		
2029	6,443		
2030	6,809		
2031	6,932		
2032	7,142		
2033	7,395		
2034	7,839		
2035	8,324		
2036	8,736		
2037	9,033		
2038	9,200		
2039	9,621		

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Plan: EEGB			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,859		
2025	5,940		
2026	6,021		
2027	6,179		
2028	6,315		
2029	6,444		
2030	6,802		
2031	6,954		
2032	7,152		
2033	7,411		
2034	7,788		
2035	8,190		
2036	8,514		
2037	8,812		
2038	8,964		
2039	9,227		

Plan: EFQGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,368		
2021	5,504		
2022	5,621		
2023	5,754		
2024	5,808		
2025	5,987		
2026	6,075		
2027	6,156		
2028	6,369		
2029	6,491		
2030	6,673		
2031	6,869		
2032	7,016		
2033	7,138		
2034	7,582		
2035	7,811		
2036	8,069		
2037	8,367		
2038	8,662		
2039	8,944		

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Plan: EFQGB			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,368		
2021	5,504		
2022	5,621		
2023	5,754		
2024	5,808		
2025	5,987		
2026	6,075		
2027	6,156		
2028	6,369		
2029	6,491		
2030	6,673		
2031	6,870		
2032	6,992		
2033	7,206		
2034	7,553		
2035	7,796		
2036	8,098		
2037	8,367		
2038	8,614		
2039	8,854		

Plan: EFQGS			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,368		
2021	5,504		
2022	5,621		
2023	5,754		
2024	5,836		
2025	6,003		
2026	6,086		
2027	6,160		
2028	6,367		
2029	6,484		
2030	6,659		
2031	6,852		
2032	6,971		
2033	7,097		
2034	7,505		
2035	7,772		
2036	7,985		
2037	8,326		
2038	8,592		
2039	8,822		

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Plan: EGRGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,368		
2021	5,504		
2022	5,621		
2023	5,754		
2024	5,808		
2025	5,987		
2026	6,075		
2027	6,156		
2028	6,369		
2029	6,491		
2030	6,673		
2031	6,871		
2032	7,020		
2033	7,137		
2034	7,506		
2035	7,798		
2036	8,138		
2037	8,414		
2038	8,587		
2039	8,949		

Plan: EGRGB			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,368		
2021	5,504		
2022	5,621		
2023	5,754		
2024	5,808		
2025	5,987		
2026	6,075		
2027	6,156		
2028	6,369		
2029	6,491		
2030	6,673		
2031	6,872		
2032	6,995		
2033	7,207		
2034	7,548		
2035	7,828		
2036	8,144		
2037	8,362		
2038	8,527		
2039	8,854		

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Plan: EGRGS			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,368		
2021	5,504		
2022	5,621		
2023	5,754		
2024	5,836		
2025	6,003		
2026	6,086		
2027	6,160		
2028	6,367		
2029	6,484		
2030	6,659		
2031	6,854		
2032	6,973		
2033	7,095		
2034	7,409		
2035	7,701		
2036	8,117		
2037	8,356		
2038	8,507		
2039	8,828		

Plan: EJLGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,944		
2026	6,027		
2027	6,188		
2028	6,326		
2029	6,440		
2030	6,703		
2031	6,832		
2032	6,951		
2033	7,155		
2034	7,343		
2035	7,562		
2036	7,983		
2037	8,306		
2038	8,501		
2039	8,886		

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Plan: EKMGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,943		
2026	6,027		
2027	6,187		
2028	6,323		
2029	6,437		
2030	6,700		
2031	6,830		
2032	6,958		
2033	7,163		
2034	7,331		
2035	7,574		
2036	8,016		
2037	8,341		
2038	8,531		
2039	8,880		

Plan: EKPGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,762		
2024	5,874		
2025	5,974		
2026	6,058		
2027	6,218		
2028	6,357		
2029	6,466		
2030	6,723		
2031	6,850		
2032	6,962		
2033	7,154		
2034	7,322		
2035	7,565		
2036	8,007		
2037	8,332		
2038	8,523		
2039	8,873		

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Plan: EMOGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,944		
2026	6,027		
2027	6,188		
2028	6,326		
2029	6,440		
2030	6,703		
2031	6,821		
2032	6,949		
2033	7,138		
2034	7,431		
2035	7,609		
2036	7,954		
2037	8,353		
2038	8,537		
2039	8,818		

Plan: EMPGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,368		
2021	5,504		
2022	5,621		
2023	5,754		
2024	5,808		
2025	5,987		
2026	6,075		
2027	6,156		
2028	6,369		
2029	6,491		
2030	6,673		
2031	6,871		
2032	7,021		
2033	7,135		
2034	7,415		
2035	7,593		
2036	7,939		
2037	8,338		
2038	8,524		
2039	8,804		

APPENDIX D

Plan: ENJGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,944		
2026	6,027		
2027	6,188		
2028	6,326		
2029	6,440		
2030	6,703		
2031	6,831		
2032	6,950		
2033	7,175		
2034	7,450		
2035	7,591		
2036	7,937		
2037	8,333		
2038	8,523		
2039	8,840		

Plan: ENOGB			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,944		
2026	6,027		
2027	6,188		
2028	6,326		
2029	6,440		
2030	6,703		
2031	6,822		
2032	6,951		
2033	7,206		
2034	7,562		
2035	7,787		
2036	8,001		
2037	8,263		
2038	8,525		
2039	8,777		

APPENDIX D

Plan: EPOGB			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,860		
2025	5,944		
2026	6,027		
2027	6,188		
2028	6,326		
2029	6,440		
2030	6,703		
2031	6,831		
2032	6,953		
2033	7,209		
2034	7,548		
2035	7,775		
2036	7,994		
2037	8,262		
2038	8,613		
2039	8,865		

Plan: EQAGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,859		
2025	5,941		
2026	6,022		
2027	6,182		
2028	6,317		
2029	6,457		
2030	6,727		
2031	6,845		
2032	6,959		
2033	7,183		
2034	7,376		
2035	7,601		
2036	8,042		
2037	8,363		
2038	8,552		
2039	8,936		

APPENDIX D

Plan: EQPGA			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,368		
2021	5,505		
2022	5,621		
2023	5,750		
2024	5,862		
2025	5,954		
2026	6,041		
2027	6,203		
2028	6,339		
2029	6,451		
2030	6,710		
2031	6,828		
2032	6,942		
2033	7,168		
2034	7,361		
2035	7,586		
2036	8,028		
2037	8,349		
2038	8,539		
2039	8,923		

Plan: ESOGB			
Year	Revenue Requirements (\$mm)	Levelized Annual Rates (\$/kW-hr)	Rate Change % by Year
2020	5,369		
2021	5,509		
2022	5,627		
2023	5,754		
2024	5,859		
2025	5,941		
2026	6,022		
2027	6,182		
2028	6,317		
2029	6,437		
2030	6,712		
2031	6,856		
2032	6,972		
2033	7,301		
2034	7,656		
2035	7,869		
2036	8,075		
2037	8,326		
2038	8,580		
2039	8,823		