

**BEFORE THE PUBLIC SERVICE COMMISSION
OF
THE STATE OF MISSISSIPPI**

M-PULSE FIBER, LLC

DOCKET NO. 2020-UA-218

RE: PETITION FOR DESIGNATION AS AN ELIGIBLE TELECOMMUNICATIONS
CARRIER PURSUANT TO SECTION 214(e)(2) OF THE ACT

RECOMMENDED ORDER

On December 31, 2020, M-Pulse Fiber, LLC (“M-Pulse” or “Company”) filed with the Mississippi Public Service Commission (“Commission”), an application for designation as an Eligible Telecommunications Carrier (“ETC”), pursuant to Section 214(e)(2) of the Communications Act of 1934, as amended (the “Act”), and in accordance with other applicable rules and orders of the Commission,¹ seeking ETC designation in all areas where M-Pulse has been conditionally allocated Rural Digital Opportunity Fund (“RDOF”) Phase I support by the Federal Communications Commission (“FCC”), as well as Lifeline-only ETC designation status in additional areas. Please see attached hereto as Exhibit A the Application of M-Pulse for designation as an ETC.

M-Pulse Fiber, a limited liability company that is organized and existing under the laws of the State of Mississippi, is a wholly-owned subsidiary of The Monroe County Electric Power Association (“MCEPA”), a not-for-profit, member-owned electric cooperative. In 1935 MCEPA

¹ *In the Matter of Eligible Telecommunications Carrier Designation for Federal Universal Service Support*, Docket No. 2005-AD-662, Order on Rehearing Reforming and Modernizing Universal Service Support and Adopting Changes of FCC Order 11-161 (adopted Nov. 15, 2012) (“*November 2012 Order*”). An “Eligible Telecommunications Carrier (‘ETC’) Checklist, Revised to Reflect Changes of FCC 11-161” (“ETC Checklist”) is attached as Exhibit A of the *November 2012 Order*. In 2018, the Commission sought comment on amending the ETC Checklist, stating that “[a]fter receipt of comments and reply comments, the Commission will issue an appropriate Order regarding the revised checklist.” *In the Matter of ETC Designation for Federal Universal Service Support*, Docket No. 2005-AD-662, Order Amending Checklist and Updating Reporting Requirements (adopted Nov. 6, 2018).

became the first electric power association in Mississippi to secure a Rural Electrification Administration loan and begin operations. MCEPA currently distributes electric energy to approximately 12,700 homes and organizations in its service area.

M-Pulse Fiber will use high-cost support to assist with the deployment of its voice and gigabit tier broadband network to serve consumers throughout its proposed ETC designation area; to offer and maintain high-quality voice and broadband services to customers; and to ensure the reliability of its network providing advanced broadband services to the public. Additionally, M-Pulse Fiber will provide Lifeline discounted service to qualifying low-income customers who reside within the Company's service area in the State of Mississippi and who may otherwise not be able to afford service. Exhibit A1 of the Company's Petition is a list of the census blocks in Mississippi for which M-Pulse seeks high-cost ETC designation from the Commission in order to receive RDOF support.

M-Pulse plans to offer several tiers of Internet service, including service that meets the RDOF requirement of providing at least 1 Gigabit downstream/500 Mbps upstream, and will provide its customers with voice grade access to the Public Switched Telephone Network ("PSTN") through its interconnected VoIP service.

The Commission, being fully apprised in the premises and having considered the record before it, as authorized by law and the Commission's Public Utilities Rules of Practice and Procedure, and upon recommendation of the Mississippi Public Utilities Staff ("Staff"), finds as follows:

1. On January 30, 2020, the FCC issued a Report and Order enabling the FCC to move forward with Auction 904, committing up to \$16 billion over 10 years to support up to gigabit

speed broadband networks in rural America wholly unserved by 25/3 Mbps.² The FCC allocated Auction 904 funding through a multi-round, reverse, descending clock auction favoring faster services with lower latency.

2. M-Pulse's parent, MCEPA, participated in the RDOF Phase I auction as a member of the Rural Electric Cooperative Consortium ("REC"), a group of electric cooperatives and their subsidiaries which ultimately was a winning bidder for more than \$100 million in RDOF Phase I support.³ Pursuant to the process established in the *RDOF Auction Closing Public Notice*, REC has now assigned certain winning bids in Mississippi to M-Pulse. Accordingly, M-Pulse will be the entity that files a long form application for \$8,191,008.00 in funding to build and operate a network to serve the 488 census blocks, totaling 3,881 eligible locations listed in Exhibit A1 of the Company's Petition with voice and gigabit broadband service.⁴

3. Staff issued its First Set of Data Requests to M-Pulse on January 29, 2021, and the Company submitted its Responses to Staff on February 25, 2021.

4. M-Pulse's receipt of RDOF Phase I Auction funding is conditioned upon the Company obtaining designation as a High-Cost and Low-Income ETC in the census blocks identified in Exhibit A1 of the Company's Petition. By June 7, 2021, absent a waiver being granted by the FCC, M-Pulse must obtain ETC designation in all of the census blocks in which M-Pulse has been awarded RDOF Phase I support and submit appropriate documentation of such ETC designation to the FCC.

² *In the Matter of Rural Digital Opportunity Fund; Connect America Fund*, Report and Order, 35 FCC Rcd 686 (2020).

³ *Rural Digital Opportunity Fund Phase I Auction (Auction 904) Closes; Winning Bidders Announced; FCC Form 683 Due January 29, 2021*, Public Notice, 35 FCC Rcd 13888 (2020).

⁴ See <https://www.fcc.gov/file/20525/download>.

5. Section 254(e) of the Act provides that “only an eligible telecommunications carrier designated under section 214(e)(2) shall be eligible to receive specific federal universal service support.”⁵ Section 214(e)(2) of the Act provides that state commissions “shall designate” common carriers that meet the statutory requirements as ETCs. The FCC has ruled that Section 214(e)(2) of the Act “provides state commissions with the primary responsibility for designating ETCs.”⁶

6. The Commission has stated that the FCC has “charge[d] states with the authority and obligation to certify that all federal high-cost and CAF [Connect America Fund] support is being used by carriers in a manner for which the support is intended[,]”⁷ and that “Section 77-3-35 explicitly authorizes the Commission to regulate and further the provision of universal service”⁸ Therefore, the Commission has the authority and the primary responsibility under federal law to designate M-Pulse as an ETC for federal universal service support purposes. The *November 2012 Order* and Section I of the ETC Checklist establish the requirements that an applicant must meet in order to be designated as an ETC.

7. To be designated as an ETC, an applicant must be a common carrier.⁹ For the customers and locations where RDOF Phase I support has been allocated, M-Pulse will provide its services on a common carrier basis. M-Pulse is a common carrier for purposes of Section 214(e) of the Act.¹⁰

⁵ 47 U.S.C. § 254(e).

⁶ *Federal-State Joint Board on Universal Service*, CC Docket No. 96-45, Report and Order, 20 FCC Rcd 6371, 6372 (¶ 1, n.2) (2005) (emphasis added) (interpreting 47 U.S.C. § 254(e)(2)).

⁷ *November 2012 Order* at 3 (¶ 8).

⁸ *Id.* at ¶ 11 (citing M.C.A. § 77-35).

⁹ 47 U.S.C. § 214(e)(1) (providing that a “common carrier” must be designated as an ETC to receive universal service support). The Act defines a “common carrier” as “any person engaged as a common carrier for hire, in interstate or foreign communication by wire or radio or interstate or foreign radio transmission of energy” 47 U.S.C. § 153(11).

¹⁰ 47 U.S.C. § 214(e).

8. To be designated as an ETC, an applicant must offer throughout the area in which it proposed to be an ETC, the services set forth in Section 54.101(a) of the FCC's rules,¹¹ either by using its own facilities or a combination of its own facilities and the resale of another carrier's services. M-Pulse will offer, upon designation as an ETC, all of the supported services throughout the areas in which it is requesting designation as an ETC through the provision of VoIP-enabled voice communications service that is interconnected to the PSTN, as well as high-speed broadband services. The Company commits to provide these services consistent with applicable FCC rules relating to high-cost universal service support.¹²

9. M-Pulse will offer both voice telephony service throughout its proposed ETC designation area and will offer such service at rates that are reasonably comparable to urban rates. This service will include minutes of use for local service provided at no charge to end users and access to emergency service via E-911, wherever available from local government or public safety organizations. If required, M-Pulse also commits to provide toll limitation services to qualifying low-income consumers as provided in Sections 54.400-54.423 of the FCC's rules.¹³

10. M-Pulse's broadband Internet offering will provide the capability to transmit data to, and receive data from, all or substantially all Internet endpoints, including any capabilities that are incidental to, and enable the operation of, communications services.¹⁴ M-Pulse will offer

¹¹ 47 CFR § 54.101(a).

¹² This commitment also complies with Section I.A.1.a. of the ETC Checklist (required services).

¹³ *Id.*, §§ 54.400-54.423. M-Pulse's compliance and commitments with respect to the applicable federal rules also constitute compliance with Section I.A.4. of the ETC Checklist (voice telephony service). M-Pulse does not distinguish between toll and non-toll calls in the pricing of its services and, as a result, toll limitation services do not need to be offered for any Lifeline service offered by M-Pulse.

¹⁴ See 47 CFR § 54.101(a)(2) (stating that "[e]ligible broadband Internet access services must provide the capability to transmit data to and receive data by wire or radio from all or substantially all Internet endpoints, including any capabilities that are incidental to and enable the operation of the communications service, but excluding dial-up service").

service at rates that are reasonably comparable to rates in urban areas. To meet its RDOF public interest obligations, M-Pulse plans to offer low-latency Internet service at actual speeds of at least 1 Gbps downstream and 500 Mbps upstream and at least 2 terabytes of monthly usage to customers.

11. As required by Section 54.405(a) of the FCC's rules,¹⁵ M-Pulse will offer subsidized Lifeline voice and broadband services, including a standalone voice service offering, to qualifying low-income consumers within its proposed ETC designation area and in accordance with the FCC's rules.¹⁶

12. M-Pulse will comply with the RDOF Phase I service requirements applicable to the federal universal service support that it receives,¹⁷ including the requirements for receipt of RDOF Phase I support. Specifically, M-Pulse, as an FCC Form 683 applicant for RDOF Phase I support,¹⁸ has:

a. certified to the FCC that it complies with all statutory and regulatory requirements for receiving the universal service support that it seeks as of the long-form application filing deadline;¹⁹

¹⁵ *Id.*, § 54.405(a).

¹⁶ *Id.*, §§ 54.400-54.423.

¹⁷ See ETC Checklist, § I.A.1.b.vi.

¹⁸ Each Auction 904 winning bidder "is required to file an application for Rural Digital Opportunity Fund support, referred to as a long-form application" *Rural Digital Opportunity Fund Phase I Auction Scheduled for October 29, 2020, Notice and Filing Requirements and Other Procedures for Auction 904*, AU Docket No. 20-34, *et al.*, Public Notice, 35 FCC Rcd 6077, 6163 (¶ 286) (2020) ("*Auction 904 Public Notice*").

¹⁹ *Id.* at 6165 (¶ 296) (citing 47 CFR § 54.804(b)(2)(v)).

b. certified to the FCC that it is financially and technically capable of meeting the relevant public interest obligations for each performance tier and latency combination in the geographic areas in which it seeks support;²⁰

c. certified to the FCC that it will meet the relevant public interest obligations for each performance tier and latency combination for which it was deemed a winning bidder, including the requirement that it will offer service at rates that are equal to or lower than the FCC's reasonable comparability benchmarks for fixed services offered in urban areas;²¹

d. demonstrated to the FCC that it has a design plan with supportable technologies to meet its RDOF Phase I public interest obligations in the areas covered by its winning bids, by submitting technical information to support the operational assertions made;²² and

e. certified to the FCC that it will have available funds for all project costs that exceed the amount of RDOF support to be received for the first two years of its support term and also described how the required construction will be funded.²³

13. M-Pulse's commitment to comply with the service requirements applicable to the federal universal service support that it receives satisfies the Commission's requirement that applicants for ETC designation must comply with these federal universal service requirements.²⁴

²⁰ *Id.* at 6166 (¶ 298) (citing 47 CFR § 54.804(b)(2)(ii)).

²¹ *Id.* at 6166 (¶ 299) (citing 47 CFR § 54.804(b)(2)(iii)).

²² *Id.* at 6167 (¶ 301) (citing 47 CFR § 54.804(b)(2)(iv)).

²³ *Id.* at 6174 (¶ 312) (citing 47 CFR §§ 54.804(b)(2)(v), 54.804(b)(2)(vi)).

²⁴ *See November 2012 Order* at 5 (ordering clauses 3 and 4).

14. M-Pulse commits that its network will have the ability to remain functional in emergency situations, will have a reasonable amount of back-up power to ensure functionality without an external power source, will be able to reroute traffic around damaged facilities, and will be capable of managing traffic spikes resulting from emergency situations.²⁵

15. Under the FCC's regulations, an ETC applicant must "[d]emonstrate that it will satisfy applicable consumer protection and service quality standards."²⁶ M-Pulse commits to satisfying all FCC requirements related to consumer protection and service quality standards. In addition, with respect to Lifeline service, M-Pulse commits that it will annually certify compliance with consumer protection and service quality rules consistent with Section 54.422(b)(3) of the FCC's rules.²⁷

16. M-Pulse commits that it will offer the supported services specified in Section 214(e)(1)(A) of the Act²⁸ throughout its proposed ETC designation area.²⁹

17. M-Pulse commits to comply with: (1) all applicable provisions of the Commission's Rules and Regulations Governing Public Utility Service;³⁰ (2) "designated service quality standards applicable to each carrier;"³¹ and (3) the requirement to submit to the

²⁵ See 47 CFR § 54.202(a)(2) (providing that a common carrier seeking an ETC designation by the FCC must "[d]emonstrate its ability to remain functional in emergency situations, including a demonstration that it has a reasonable amount of back-up power to ensure functionality without an external power source, is able to reroute traffic around damaged facilities, and is capable of managing traffic spikes resulting from emergency situations"). M-Pulse's commitment also satisfies the requirements of Section I.A.2.a. of the ETC Checklist (emergency operations).

²⁶ 47 CFR § 54.202(a)(3).

²⁷ *Id.*, § 54.422(b)(3).

²⁸ 47 U.S.C. § 214(e)(1)(A).

²⁹ ETC Checklist, § I.A.1.b.iv.

³⁰ *Id.*, § I.A.3.b.i.

³¹ *Id.*, § I.A.3.b.ii.

Commission the number of consumer complaints per 1,000 access lines, as required in annual ETC filings.³²

18. M-Pulse commits that it will advertise the availability of its broadband and interconnected VoIP-enabled voice services, and their associated charges, in media of general distribution,³³ and that it will include Lifeline services in its advertising materials.³⁴ M-Pulse will communicate its fiber availability and construction progress to its potential customers³⁵ in three or more, or any combination of, the following methods:

- a. Direct mail (e.g., postcards, letters);
- b. Door hangers or similar door-to-door communications;
- c. Electronic mail;
- d. Social media or similar electronic communications;
- e. Online (with the option to subscribe);
- f. Live events (with the option to subscribe); and/or
- g. Other forms of advertising.

19. M-Pulse will offer Lifeline service in compliance with FCC rules. The Commission's ETC Checklist requires information concerning Lifeline plans that an applicant for

³² *Id.*, § I.A.3.b.iii.

³³ *Id.*, § I.A.1.b.i. *See* 47 CFR § 54.201(d)(2).

³⁴ ETC Checklist, § I.A.1.b.i.

³⁵ Nothing herein shall be interpreted to require the disclosure of any competitive data or information by M-Pulse. M-Pulse may in its business judgment determine the timing of such communications. M-Pulse is expected to inform potential customers of the availability of service in advance of or, at a minimum, simultaneously with such service availability in specific areas. Upon request, M-Pulse shall also provide its best estimate as to service availability in response to customer inquiries.

ETC designation intends to offer.³⁶ M-Pulse commits to implement its Lifeline plans in accordance with the current rules and policies adopted by the FCC.

20. M-Pulse will price its Lifeline service at discounted rates and pass through the monthly support amounts for voice and/or broadband services established by the FCC. M-Pulse's Lifeline service will represent a dollar-for-dollar reduction from its comparable non-Lifeline rates, providing a pass-through of the full amount of federal Lifeline support to qualifying customers.

21. M-Pulse commits to adhering to any FCC reporting requirements relating to the reporting of service outages, and also commits to provide copies of any such reports to the Commission, upon request.³⁷

22. As a prerequisite to receiving RDOF support, M-Pulse is required to certify to the FCC "that it is financially and technically capable of meeting the relevant public interest obligations for each performance tier and latency combination in the geographic areas in which it seeks support."³⁸ With respect to financial resources, M-Pulse will be able to rely on 4-County for loan funds at market rates, advances of capital and loaned or leased employee support by M-Pulse, if necessary, in addition to the RDOF Phase I support being made available to the Applicant. In addition, M-Pulse must obtain an irrevocable standby letter of credit from a bank acceptable to the FCC.³⁹ Therefore, M-Pulse is financially capable of providing supported services in accordance with FCC and Commission rules.

23. With respect to technical capabilities, M-Pulse is required to submit a detailed technology and system design description that explains how the design and technologies chosen

³⁶ *Id.*, § I.A.1.b.ii.

³⁷ *Id.*, § I.A.2.b.

³⁸ *Auction 904 Public Notice*, 35 FCC Rcd at 6166 (¶ 298) (footnote omitted).

³⁹ *Id.* at 6177 (¶ 319).

will meet the relevant performance requirements, including information regarding quality, coverage, voice service, network management and on-going operations. This submission must include a detailed network diagram. The network diagram must be certified by a professional engineer.⁴⁰ Further, M-Pulse must “provide a project plan that describes a network build-out schedule that includes but is not restricted to plans for constructing last mile and middle mile facilities.”⁴¹ These various FCC requirements ensure that M-Pulse possesses the financial and technical capabilities to pay for all start-up expenses (*e.g.*, equipment, operations, *etc.*) to deploy its fiber optic network, and to begin the provision of interconnected VoIP-enabled voice and broadband services throughout its proposed ETC designation area.

24. Designating M-Pulse as an ETC will clearly serve the public interest by enabling the Company to provide low-latency, gigabit-speed broadband, and interconnected VoIP-enabled voice services, to consumers in its proposed ETC designation area, as well as to provide subsidized voice and broadband services to those households that seek and qualify for federal Lifeline benefits. M-Pulse is well-positioned to help close the digital divide in its service area, allowing improved access to health care, education services, and other social services, helping to create jobs and boosting the economy. Approval of M-Pulse’s ETC application will help to address the urgent need to deliver broadband to rural Mississippi, enabling consumers and businesses in these regions of the state to have access to broadband services comparable to those in urban areas.

⁴⁰ *Id.* (footnotes omitted). The FCC’s requirements include a certification from a professional engineer that the long-form applicant’s fiber optic network is capable of delivering voice and broadband service that meets the requisite performance requirements and is capable of providing sufficient capacity to meet customer demand at or above the prescribed levels during peak usage periods. *Id.*

⁴¹ *Id.* at 6171 (¶ 307).

25. M-Pulse's service offerings will preserve and advance universal service⁴² by providing unique advantages to consumers in its proposed ETC designation area. Most importantly, the Company's provision of high-speed broadband Internet access and interconnected VoIP-enabled voice services will provide enormous benefits that previously have been beyond the reach of consumers and businesses in many of Mississippi's rural areas. The network will ensure reliable access to gigabit tier broadband, thus enhancing educational programs, promoting business growth, generating jobs, and expanding cultural opportunities for Mississippi residents.

26. Designation of M-Pulse as an ETC in Mississippi will also ensure the availability of quality services at just, reasonable, and affordable rates⁴³ by facilitating the provision of high-quality communications services to those living and working within its proposed ETC designation area.

27. M-Pulse seeks a waiver of the ETC Checklist requirement for the submission of a five-year improvements and upgrades plan. Such a waiver is appropriate because deployment obligations and timetables imposed on RDOF Phase I support recipients by the FCC are sufficient to ensure timely deployment of voice and broadband services, consistent with the policies reflected in the Commission's five-year plan requirement. Specifically, the FCC requires RDOF Phase I support recipients to commercially offer voice and broadband service to "40% of [a calculated] number of locations in a state by the end of the third full calendar year following funding authorization, and 20% each calendar year thereafter."⁴⁴ In addition, the FCC requires support

⁴² ETC Checklist, § I.B.1.

⁴³ ETC Checklist, § I.B.2.

⁴⁴ *RDOF Order*, 35 FCC Rcd at 709 (¶ 45).

recipients to file annual reports containing location and technology data, and to certify when they have met their service milestones.⁴⁵

28. M-Pulse meets all the statutory and regulatory requirements for designation as an ETC in the State of Mississippi and is in full compliance with all applicable Commission orders, rules, and regulations and, therefore, is in good standing with the Commission.⁴⁶

IT IS, THEREFORE, ORDERED that:

1. M-Pulse's Application for Designation as an Eligible Telecommunications Carrier to Receive Rural Digital Opportunity Fund Phase I Auction (Auction 904) Support for Voice and Broadband Services in the State of Mississippi is hereby approved. Designation of M-Pulse as an ETC in the State of Mississippi in the census blocks identified in Exhibit A1 and A2 of the Company's Petition is in the public interest.

2. M-Pulse is hereby granted a waiver of the ETC Checklist requirement for the submission of a five-year improvements and upgrades plan. Such a waiver is appropriate because deployment obligations and timetables imposed on RDOF Phase I support recipients by the FCC are sufficient to ensure timely deployment of voice and broadband services, consistent with the policies reflected in the Commission's five-year plan requirement.

3. At least thirty days before offering service within its ETC designation area, M-Pulse shall provide an informational tariff for its ETC designated areas in Exhibit A that outlines its regulatory contact information, customer service contact, terms, and conditions as well as Lifeline Programs. M-Pulse will also post this same information on its website where rates, terms and conditions may be found.

⁴⁵ *Id.* at 712 (¶ 56).

⁴⁶ ETC Checklist, § I.A.1.b.v.

4. M-Pulse will file any future changes to its informational tariff with the Commission at least seven days prior to the effective date of change.

5. At least thirty days before offering service within its ETC designation area, M-Pulse will provide Staff copies of marketing materials, including advertising specific to Lifeline.

6. M-Pulse will comply, where applicable, with service and reporting requirements of the FCC's High-Cost and Lifeline Programs, the Commission's ETC Docket 2005-AD-662, and the Commission's Lifeline Docket 2007-AD-487.

7. Exceptions to this Order may be filed with the Commission within a period of fifteen (15) days from the date of issuance of this Order, in accordance with the provisions of Miss. Code Ann. § 77-3-40. If exceptions are not timely filed, this Recommended Order shall then become the Order of the Commission.

This Order shall be deemed issued on the day it is served upon the parties herein by the Executive Secretary of this Commission who shall note the service date in the file of this Docket.

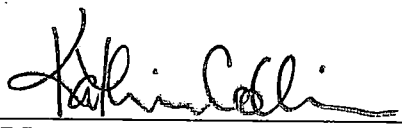
SO ORDERED this the 5th day of April, 2021.



ATTEST: A True Copy

MISSISSIPPI PUBLIC SERVICE COMMISSION


BRANDON PRESLEY, COMMISSIONER


KATHERINE COLLIER, EXECUTIVE SECRETARY

Effective this the 5th day of April, 2021.

Before the
MISSISSIPPI PUBLIC SERVICE COMMISSION

FILED
DEC 31 2020
MISS. PUBLIC SERVICE
COMMISSION

Application of M-Pulse Fiber, LLC)
For Designation as an Eligible)
Telecommunications Carrier)
Pursuant to Section 214(e)(2) of the)
Communications Act of 1934)
In the State of Mississippi)

Docket No. '20-UA-218

Exhibit A

APPLICATION OF M-PULSE FIBER, LLC
FOR DESIGNATION AS AN
ELIGIBLE TELECOMMUNICATIONS CARRIER

Pursuant to Section 214(e)(2) of the Communications Act of 1934 (the "Act"),¹ the *November 2012 Order*,² and other applicable rules and orders of the Commission, M-Pulse Fiber, LLC ("M-Pulse Fiber," the "Applicant," or the "Company"), hereby files this Application with the Mississippi Public Service Commission ("Commission") for designation as an Eligible Telecommunications Carrier ("ETC") in the State of Mississippi.

This designation is sought in all areas where M-Pulse Fiber, through its participation in the Rural Electric Cooperative Consortium, has been allocated Rural Digital Opportunity Fund ("RDOF") Phase I support by the Federal Communications Commission ("FCC") as a winner in

¹ 47 U.S.C. § 214(e)(2).

² *In the Matter of Eligible Telecommunications Carrier Designation for Federal Universal Service Support*, Docket No. 2005-AD-662, Order on Rehearing Reforming and Modernizing Universal Service Support and Adopting Changes of FCC Order 11-161 (adopted Nov. 15, 2012) (*November 2012 Order*). An "Eligible Telecommunications Carrier ('ETC') Checklist, Revised to Reflect Changes of FCC 11-161" ("ETC Checklist") is attached as Exhibit A of the *November 2012 Order*. In 2018, the Commission sought comment on amending the ETC Checklist, stating that "[a]fter receipt of comments and reply comments, the Commission will issue an appropriate Order regarding the revised checklist." *In the Matter of ETC Designation for Federal Universal Service Support*, Docket No. 2005-AD-662, Order Amending Checklist and Updating Reporting Requirements (adopted Nov. 6, 2018). Further Commission action is pending.

the RDOF Phase I auction ("Auction 904"),³ as well as Lifeline-only ETC designation status in additional areas.

I. INTRODUCTION.

M-Pulse Fiber meets all of the statutory and regulatory requirements and prerequisites for ETC designation by the Commission. Designation of M-Pulse Fiber as an ETC in the State of Mississippi will serve the public interest by enabling Applicant to provide subsidized voice and gigabit tier broadband services to consumers and businesses in rural areas it proposes to serve.

If designated as an ETC, M-Pulse Fiber will use high-cost support to assist with the deployment of its voice and gigabit tier broadband network to serve consumers throughout its proposed ETC designation area; to offer and maintain high-quality voice and broadband services to customers; and to ensure the reliability of its network providing advanced broadband services to the public. Additionally, M-Pulse Fiber will provide Lifeline discounted service to qualifying low-income customers who reside within the Company's service area in the State of Mississippi and who may otherwise not be able to afford service.

M-Pulse Fiber is obligated by the FCC to obtain ETC designation status by June 7, 2021, which is 180 days after the announcement by the FCC on December 7, 2020, that the Company is a winning bidder in the RDOF Phase I auction in the census blocks in which the Company was awarded RDOF Phase I support.⁴ As a result, M-Pulse Fiber requests expeditious action by the Commission so that the Company may meet this FCC requirement.

³ *Rural Digital Opportunity Fund Phase I Auction (Auction 904) Closes, Winning Bidders Announced, FCC Form 683 Due January 29, 2021*, AU Docket No. 20-34, WC Docket No. 19-126, WC Docket No. 10-90, FCC Public Notice, DA 20-1422 (Dec. 7, 2020). The Rural Electric Cooperative Consortium submitted a short-form application in the RDOF Phase I auction that included M-Pulse Fiber as a consortium member.

⁴ *Rural Digital Opportunity Fund, et al.*, WC Docket No. 19-126, *et al.*, Report and Order, 35 FCC Rcd 686, 727 (¶ 92) (2020) ("RDOF Order") (establishing the 180-day deadline).

Please address all correspondence, communications, pleadings, notices, orders, and decisions relating to this Application to:

Douglas Ford, Esq.
Mitchell McNutt & Sams, PA
P.O Box 1366
Columbus, MS 39703
Phone: (662) 328-2316
E-mail: dford@mitchellmcnutt.com

II. BACKGROUND.

M-Pulse Fiber, a limited liability company that is organized and existing under the laws of the State of Mississippi, is a wholly-owned subsidiary of The Monroe County Electric Power Association (“MCEPA”), a not-for-profit, member-owned electric cooperative. In 1935 MCEPA became the first electric power association in Mississippi to secure a Rural Electrification Administration loan and begin operations.⁵ MCEPA currently distributes electric energy to approximately 12,700 homes and organizations in its service area.

M-Pulse Fiber, after surveying its members and finding that only 15 percent of them were satisfied with their current broadband service,⁶ has been working to deploy and operate a new state-of-the-art, low-latency, fiber-to-the-home (“FTTH”) network that will provide high-speed broadband Internet access and Voice over Internet (“VoIP”)-enabled voice services to customers in its service area, many of whom currently lack any access to such services. The network, which is expected to be completed in 2023, will span 1,500 miles of fiber.⁷

⁵ Electric Cooperatives of Mississippi Website, *History, Rural Electrification in Mississippi*, accessed at http://ecm.coop/about_us/history.

⁶ Conexon Case Study, accessed at <https://www.conexon.us/case-studies/monroe-county-electric-power-association/>.

⁷ See Zac Carlisle, *Monroe County Electric to Begin Building Internet Network This Year*, WTVA.COM (Apr. 7, 2020), accessed at <https://www.wtva.com/content/news/Monroe-County-Electric-to-begin-building-internet-network-this-year-569438461.html>.

M-Pulse Fiber will deploy broadband and interconnected VoIP-enabled voice services throughout the RDOF Phase I-eligible census blocks identified in Exhibit A1 and seeks High-Cost and Low-Income (Lifeline) ETC designation from the Commission to serve these census blocks. In addition, Applicant seeks Lifeline-only ETC designation status in additional areas primarily consisting of MCEPA's electric service footprint, identified in Exhibit A2. A map of M-Pulse Fiber's proposed ETC designation area is displayed in Exhibit B.

M-Pulse Fiber will offer low-latency broadband service at actual speeds of at least 1 gigabit per second downstream and 500 Mbps upstream, and will offer at least 2 terabytes of monthly usage. In addition, Applicant will provide its customers with voice-grade access to the Public Switched Telephone Network ("PSTN") through its provision of interconnected VoIP-enabled voice service.

M-Pulse Fiber is in full compliance with all applicable Commission orders, rules, and regulations, and therefore is in good standing with the Commission.⁸

III. THE COMMISSION HAS JURISDICTION AND AUTHORITY TO DESIGNATE ELIGIBLE TELECOMMUNICATIONS CARRIERS.

Section 254(e) of the Act provides that "only an eligible telecommunications carrier designated under section 214(e)(2) shall be eligible to receive specific federal universal service support."⁹ Section 214(e)(2) of the Act provides that state commissions "shall designate" common carriers that meet the statutory requirements as ETCs. The FCC has ruled that Section 214(e)(2) of the Act "provides state commissions with the primary responsibility for designating ETCs."¹⁰

⁸ ETC Checklist, § I.A.1.b.v.

⁹ 47 U.S.C. § 254(e).

¹⁰ *Federal-State Joint Board on Universal Service*, CC Docket No. 96-45, Report and Order, 20 FCC Rcd 6371, 6372 (¶ 1, n.2) (2005) (emphasis added) (interpreting 47 U.S.C. § 254(e)(2)).

Moreover, the Commission has stated that the FCC has “charge[d] states with the authority and obligation to certify that all federal high-cost and CAF [Connect America Fund] support is being used by carriers in a manner for which the support is intended[,]”¹¹ and that “Section 77-3-35 explicitly authorizes the Commission to regulate and further the provision of universal service”¹²

Therefore, the Commission has the authority and the primary responsibility under federal law to designate M-Pulse Fiber as an ETC for federal universal service support purposes. The *November 2012 Order* and Section I of the ETC Checklist establish the requirements that an applicant must meet in order to be designated as an ETC.

IV. M-PULSE FIBER MEETS ALL FEDERAL AND STATE STATUTORY AND REGULATORY REQUIREMENTS TO BE DESIGNATED AS AN ELIGIBLE TELECOMMUNICATIONS CARRIER.

As demonstrated in the following sections, M-Pulse Fiber satisfies each of the statutory and regulatory requirements for designation as an ETC, as set forth in the Act, in the FCC’s rules, and in the rules and orders of the Commission.

A. M-Pulse Fiber Will Provide Service as a Common Carrier.

To be designated as an ETC, an applicant must be a common carrier.¹³ For the customers and locations where RDOF-Phase I support has been allocated, M-Pulse Fiber will provide its

¹¹ *November 2012 Order* at 3 (¶ 8).

¹² *Id.* at ¶ 11 (citing M.C.A. § 77-35).

¹³ 47 U.S.C. § 214(e)(1) (providing that a “common carrier” must be designated as an ETC to receive universal service support). The Act defines a “common carrier” as “any person engaged as a common carrier for hire, in interstate or foreign communication by wire or radio or interstate or foreign radio transmission of energy” 47 U.S.C. § 153(11).

services on a common carrier basis. M-Pulse Fiber is a common carrier for purposes of Section 214(e) of the Act.¹⁴

B. M-Pulse Fiber Will Offer the Services Supported by the Federal Universal Service Support Mechanisms.

To be designated as an ETC, an applicant must offer throughout its proposed service area the services set forth in Section 54.101(a) of the FCC's rules,¹⁵ either by using its own facilities or a combination of its own facilities and the resale of another carrier's services.

M-Pulse Fiber commits to offer all of the services designated for support by the FCC.¹⁶ As discussed in the following sections, the Company will offer, upon designation as an ETC, all of the supported services throughout the areas in which the Company is requesting designation as an ETC. The Company commits to provide these services consistent with applicable FCC rules relating to high-cost universal service support.¹⁷

1. Voice Grade Access to the Public Switched Telephone Network.

Section 54.101(b) of the FCC's rules states that an ETC must provide "voice telephony service" in order to receive federal universal support.¹⁸ Section 54.101(a)(1) provides that:

Eligible voice telephony services must provide voice grade access to the public switched network or its functional equivalent; minutes of use for local service provided at no additional charge to end users; access to the emergency services provided by local government or other public safety organizations, such as 911

¹⁴ 47 U.S.C. § 214(e).

¹⁵ 47 CFR § 54.101(a).

¹⁶ See *Designation of Fort Mojave Telecommunications, Inc. , et al. , as Eligible Telecommunications Carriers Pursuant to Section 214(e)(6) of the Communications Act*, AAD/USB File No. 98-28, Memorandum Opinion and Order, 13 FCC Rcd 4547, 4552 (¶ 11) (CCB, OMD 1998) ("*Fort Mojave*"). In *Fort Mojave*, the Common Carrier Bureau and the Office of the Managing Director indicated that the FCC will designate carriers as ETCs, pursuant to Section 214(e)(6) of the Act, upon finding that they "offer or will be able to offer" the supported services throughout the service area.

¹⁷ This commitment also complies with Section I.A.1.a. of the ETC Checklist (required services).

¹⁸ 47 CFR § 54.101(b).

and enhanced 911, to the extent the local government in an eligible carrier's service area has implemented 911 or enhanced 911 systems; and toll limitation services to qualifying low-income consumers¹⁹

M-Pulse Fiber will meet this requirement through the provision of VoIP-enabled voice communications service that is interconnected to the PSTN. The Company will be legally responsible for dealing with customer problems, providing quality of service guarantees, and meeting universal service-related requirements.

M-Pulse Fiber will offer stand-alone voice telephony service throughout its proposed ETC designation area and will offer such service at rates that are reasonably comparable to urban rates. This service will include minutes of use for local service provided at no charge to end users and access to emergency service via E-911, wherever available from local government or public safety organizations. The Company also commits to provide toll limitation services to qualifying low-income consumers as provided in Sections 54.400-54.423 of the FCC's rules.²⁰

2. Broadband Internet Access Services.

M-Pulse Fiber's broadband Internet offering will provide the capability to transmit data to, and receive data from, all or substantially all Internet endpoints, including any capabilities that are incidental to, and enable the operation of, communications services.²¹ The Company will (1) offer low-latency Internet service at actual speeds of at least 1 Gbps downstream and 500 Mbps upstream; (2) offer at least 2 terabytes of monthly usage to customers within its proposed

¹⁹ *Id.*, § 54.101(a)(1).

²⁰ *Id.*, §§ 54.400-54.423. M-Pulse Fiber's compliance and commitments with respect to the applicable federal rules also constitute compliance with Section I.A.4. of the ETC Checklist (voice telephony service).

²¹ See 47 CFR § 54.101(a)(2) (stating that "[e]ligible broadband Internet access services must provide the capability to transmit data to and receive data by wire or radio from all or substantially all Internet endpoints, including any capabilities that are incidental to and enable the operation of the communications service, but excluding dial-up service").

ETC designation area; and (3) offer such service at rates that are reasonably comparable to urban rates.

3. Lifeline Service.

As required by Section 54.405(a) of the FCC's rules,²² M-Pulse Fiber will offer subsidized Lifeline voice and broadband services, including a standalone voice service offering, to qualifying low-income consumers within its proposed ETC designation area in accordance with the FCC's rules.²³

C. M-Pulse Fiber Will Comply with Applicable Service and Performance Quality Requirements Adopted by the FCC.

M-Pulse Fiber will comply with the RDOF service requirements applicable to the federal universal service support that it receives,²⁴ including the requirements for receipt of RDOF Phase I support.

Specifically, M-Pulse Fiber, as a "long-form" applicant for RDOF Phase I support,²⁵ must:

(1) certify in its long-form application filed with the FCC that it complies with all statutory and regulatory requirements for receiving the universal service support that it seeks as of the long-form application filing deadline;²⁶

²² *Id.*, § 54.405(a).

²³ *Id.*, §§ 54.400-54.423.

²⁴ See ETC Checklist, § I.A.1.b.vi.

²⁵ Each Auction 904 winning bidder "is required to file an application for Rural Digital Opportunity Fund support, referred to as a long-form application" *Rural Digital Opportunity Fund Phase I Auction Scheduled for October 29, 2020, Notice and Filing Requirements and Other Procedures for Auction 904*, AU Docket No. 20-34, *et al.*, Public Notice, 35 FCC Rcd 6077, 6163 (¶ 286) (2020) ("Auction 904 Public Notice").

²⁶ *Id.* at 6165 (¶ 296) (citing 47 CFR § 54.804(b)(2)(v)).

(2) certify to the FCC that it is financially and technically capable of meeting the relevant public interest obligations for each performance tier and latency combination in the geographic areas in which it seeks support;²⁷

(3) certify to the FCC that it will meet the relevant public interest obligations for each performance tier and latency combination for which it was deemed a winning bidder, including the requirement that it will offer service at rates that are equal to or lower than the FCC's reasonable comparability benchmarks for fixed services offered in urban areas;²⁸

(4) demonstrate to the FCC that it has a design plan with supportable technologies to meet the relevant RDOF public interest obligations in the areas covered by the winning bids, by submitting technical information to support the operational assertions made in the short-form application;²⁹ and

(5) certify to the FCC that it will have available funds for all project costs that exceed the amount of RDOF support to be received for the first two years of its support term, and also describe how the required construction will be funded.³⁰

M-Pulse Fiber's commitment to comply with the service requirements applicable to the federal universal service support that it receives satisfies the Commission's requirement that applicants for ETC designation must comply with these federal service requirements.³¹

D. Ability to Remain Functional in Emergency Situations.

²⁷ *Id.* at 6166 (¶ 298) (citing 47 CFR § 54.804(b)(2)(ii)).

²⁸ *Id.* at 6166 (¶ 299) (citing 47 CFR § 54.804(b)(2)(iii)).

²⁹ *Id.* at 6167 (¶ 301) (citing 47 CFR § 54.804(b)(2)(iv)).

³⁰ *Id.* at 6174 (¶ 312) (citing 47 CFR §§ 54.804(b)(2)(v), 54.804(b)(2)(vi)).

³¹ *See November 2012 Order* at 5 (ordering clauses 3 and 4).

M-Pulse Fiber commits that its fiber optic network will have the ability to remain functional in emergency situations, will have a reasonable amount of back-up power to ensure functionality without an external power source, will be able to reroute traffic around damaged facilities, and will be capable of managing traffic spikes resulting from emergency situations.³² In addition, the Company will offer customers battery back-up at their homes.

E. Satisfaction of Applicable Consumer Protection and Service Quality Standards.

Under the FCC's regulations, an ETC applicant must "[d]emonstrate that it will satisfy applicable consumer protection and service quality standards."³³ M-Pulse Fiber commits to satisfying all FCC requirements related to consumer protection and service quality standards. In addition, with respect to Lifeline service, the Company commits that it will annually certify compliance with consumer protection and service quality rules consistent with Section 54.422(b)(3) of the FCC's rules.³⁴

F. M-Pulse Fiber Meets the Requirements Adopted by the Mississippi Public Service Commission To Be Designated as an Eligible Telecommunications Carrier.

M-Pulse Fiber will meet each of the requirements applicable to ETCs adopted by the Commission, as described in the following sections.

1. Offering of Supported Services in Proposed ETC Designation Area.

³² See 47 CFR § 54.202(a)(2) (providing that a common carrier seeking an ETC designation by the FCC must "[d]emonstrate its ability to remain functional in emergency situations, including a demonstration that it has a reasonable amount of back-up power to ensure functionality without an external power source, is able to reroute traffic around damaged facilities, and is capable of managing traffic spikes resulting from emergency situations"). M-Pulse Fiber's commitment also satisfies the requirements of Section I.A.2.a. of the ETC Checklist (emergency operations).

³³ 47 CFR § 54.202(a)(3).

³⁴ *Id.*, § 54.422(b)(3).

M-Pulse Fiber commits that it will offer the supported services specified in Section 214(e)(1)(A) of the Act³⁵ in its proposed ETC designation area.³⁶

2. Consumer Protection.

In addition to complying with federal requirements, as discussed in Section IV.E., *supra*, M-Pulse Fiber commits to comply with (1) all applicable provisions of the Commission's Rules and Regulations Governing Public Utility Service, along with any amendments made in the future proceeding regarding RDOF ETCs;³⁷ (2) "designated service quality standards applicable to each carrier";³⁸ and (3) the requirement to submit to the Commission the number of consumer complaints per 1,000 access lines, as required in annual ETC filings.³⁹

3. Advertising.

M-Pulse Fiber commits that it will advertise the availability of its broadband and interconnected VoIP-enabled voice services, and their associated charges, in media of general distribution,⁴⁰ and that it will include Lifeline services in its advertising materials.⁴¹

4. Lifeline Plans.

As noted in Section IV.B.3., *supra*, M-Pulse Fiber will offer Lifeline service in compliance with the FCC's rules. The Commission's ETC Checklist requires information concerning Lifeline plans that an applicant for ETC designation intends to offer.⁴² M-Pulse Fiber commits to

³⁵ 47 U.S.C. § 214(e)(1)(A).

³⁶ ETC Checklist, § I.A.1.b.iv.

³⁷ *Id.*, § I.A.3.b.i.

³⁸ *Id.*, § I.A.3.b.ii.

³⁹ *Id.*, § I.A.3.b.iii.

⁴⁰ *Id.*, § I.A.1.b.i. See 47 CFR § 54.201(d)(2).

⁴¹ ETC Checklist, § I.A.1.b.i.

⁴² *Id.*, § I.A.1.b.ii.

implement its Lifeline plans in accordance with the current rules, policies, and requirements adopted by the FCC.

M-Pulse Fiber will price its Lifeline VoIP-enabled voice service and its broadband service at discounted rates and pass through the monthly support amounts for voice and broadband services established by the FCC and in effect from time to time. Therefore, M-Pulse Fiber's Lifeline service will represent a dollar-for-dollar reduction from its comparable non-Lifeline rates, and will represent a pass-through of the full amount of Lifeline support to the qualifying Lifeline consumer.

5. Contact Information for Consumer Inquiries.

The following contact information for M-Pulse Fiber's designated representative is provided for the purpose of assisting the Commission and/or consumer in the resolution of any customer service, quality of service, or Lifeline inquiries.⁴³

Barry Rowland
M-Pulse Fiber, LLC
P.O. Box 300
Amory, MS 38821
(662) 256-2962 Ext 114
browland@monroecountyelectric.com

The designated representative shall be aware of the Commission's jurisdiction over consumer protection standards regarding ETCs and shall be familiar with the Commission's Rules Governing Public Utility Service and any subsequent orders of the Commission regarding customer service and quality of service obligations. The designated representative shall comply with any reporting requirements regarding any Commission action on customer service, quality of service or Lifeline inquiries or other Commission action on customer service, quality of service

⁴³ *Id.*, § I.A.1.b.iii.

or Lifeline inquiries or other Commission action regarding ETC obligations. In the event that M-Pulse Fiber replaces the designated representative, notice and contact information provided herein shall be filed with the Commission within seven days.

6. Outage Reporting.

M-Pulse Fiber commits to adhering to any FCC and Commission reporting requirements relating to the reporting of service outages, and also commits to provide copies of any such reports to the Commission, upon request.⁴⁴

V. M-PULSE FIBER HAS SUFFICIENT FINANCIAL RESOURCES AND TECHNICAL CAPABILITIES TO PROVIDE THE SUPPORTED SERVICES.

As noted in Section IV.C., *supra*, as a prerequisite to receiving RDOF support, M-Pulse Fiber is required to certify to the FCC “that it is financially and technically capable of meeting the relevant public interest obligations for each performance tier and latency combination in the geographic areas in which it seeks support.”⁴⁵ With respect to financial resources, M-Pulse Fiber will be able to rely upon the resources of MCEPA, it will be able to obtain requisite amounts of lending pursuant to available lines of credit, and M-Pulse Fiber and MCEPA will be able to obtain additional financing, if necessary, in addition to the RDOF Phase I support being made available to Applicant. In addition, M-Pulse Fiber must obtain an irrevocable standby letter of credit from a bank acceptable to the FCC.⁴⁶ Thus, Applicant is financially capable of providing supported services in accordance with FCC and Commission rules.

With respect to technical capabilities, M-Pulse Fiber must “demonstrate that it has a design plan with supportable technologies to meet the relevant Rural Digital Opportunity Fund

⁴⁴ *Id.*, § I.A.2.b.

⁴⁵ *Auction 904 Public Notice*, 35 FCC Rcd at 6166 (¶ 298) (footnote omitted).

⁴⁶ *Id.* at 6177 (¶ 319).

public interest obligations in the areas covered by the winning bids by submitting technical information to support the operational assertions made in the short-form application.”⁴⁷ In addition, the Company:

is required to submit a detailed technology and system design description that explains how the design and technologies chosen will meet the relevant performance requirements, including information regarding quality, coverage, voice service, network management and on-going operations. This submission must include a detailed network diagram. The network diagram must be certified by a professional engineer.⁴⁸

Further, the Company must “provide a project plan that describes a network build-out schedule that includes but is not restricted to plans for constructing last mile and middle mile facilities.”⁴⁹

These various FCC requirements ensure that M-Pulse Fiber possesses the financial and technical capabilities to pay for all start-up expenses (*e.g.*, equipment, operations, *etc.*) to deploy its fiber optic network, and to begin the provision of interconnected VoIP-enabled voice and broadband services throughout its proposed ETC designation area. As noted in Section II., *supra*, this deployment of M-Pulse’s fiber optic network is already well underway.

VI. DESIGNATION OF M-PULSE FIBER AS AN ELIGIBLE TELECOMMUNICATIONS CARRIER WILL SERVE THE PUBLIC INTEREST.

The Commission’s rules require it to undertake a public interest analysis of an application for ETC designation, which is carried out in a manner consistent with the Act and FCC rules,⁵⁰

⁴⁷ *Id.* at 6166 (¶ 301).

⁴⁸ *Id.* (footnotes omitted). The FCC’s requirements include a certification from a professional engineer that the long-form applicant’s fiber optic network is capable of delivering voice and broadband service that meets the requisite performance requirements, and is capable of providing sufficient capacity to meet customer demand at or above the prescribed levels during peak usage periods. *Id.*

⁴⁹ *Id.* at 6171 (¶ 307).

⁵⁰ ETC Checklist, § I.B. (citing 47 U.S.C. §§ 214(e)(2), 254; 47 CFR §§ 54.201(c), 54.202(b)).

and which considers whether an applicant for ETC designation has satisfied public interest criteria, considering general goals established by the Commission.⁵¹

The grant of this Application, designating M-Pulse Fiber as an ETC, will clearly serve the public interest by enabling the Company to provide low-latency, gigabit-speed broadband, and interconnected VoIP-enabled voice services, to consumers in its proposed ETC designation area, as well as to provide subsidized voice and broadband services to those households that seek and qualify for federal Lifeline benefits.

M-Pulse Fiber is well-positioned to help close the digital divide in its service area. It will utilize an affordable technology that will help to transform east Mississippi by allowing improved access to health care, education services, and other social services, and by helping to create jobs and boosting the economy.

The Commission has been actively engaged in addressing the needs of consumers and businesses in rural Mississippi to have access to advanced broadband services. In April of this year, for example, the Commission, in a letter to Mississippi's U.S. Senator Roger Wicker, urged that the disbursement of RDOF Phase I funding should be expedited to help improve Internet access in rural communities throughout Mississippi.⁵² The Commission stressed that:

the severe lack of broadband Internet for all Mississippians has been brought to the forefront and cannot be overstated Teachers and students are conducting distance learning. Health care professionals are relying on telemedicine It is undeniable that the success of these efforts and functions rely on an essential service that simply does not exist.⁵³

⁵¹ *Id.*

⁵² Taylor Vance, "Mississippi Utility Commission Urges Broadband Investment," NORTHEAST MISSISSIPPI DAILY JOURNAL (Apr. 30, 2020), *accessed at* <https://www.govtech.com/network/Mississippi-Utility-Commission-Urges-Broadband-Investment.html>.

⁵³ *Id.* (internal quotation marks omitted).

In addition, the Commission earlier this year established the Connect Mississippi Committee “to identify broadband internet connectivity issues and establish comprehensive recommendations to address these challenges in Mississippi[,]”⁵⁴ and also took steps to implement the Broadband COVID-19 Grant Program (“Grant Program”), which was established by the Mississippi Electric Cooperatives Broadband COVID-19 Act.

The Grant Program addresses “an immediate increased need for reliable internet service in rural Mississippi, including expanded rural broadband capacity to facilitate and assist with distance learning, telemedicine, and telework, which are required for citizens to continue their education, receive necessary services, and work in a healthy and safe environment.”⁵⁵ MCEPA is a recipient of Grant Program funding, receiving a maximum grant amount of \$4,206,660 from the Program.⁵⁶

Approval of this Application will help to address the urgent need to deliver broadband to rural Mississippi, enabling consumers and businesses in these regions of the state to have access to broadband services comparable to those in urban areas.

A. Preserving and Advancing Universal Service.

M-Pulse Fiber’s service offerings will preserve and advance universal service⁵⁷ by providing unique advantages to consumers in its proposed ETC designation area. Most importantly, the Company’s provision of high-speed broadband Internet access and interconnected

⁵⁴ “PSC Creates Connect Mississippi Committee; Presley Appoints North Mississippians to Serve,” MONROE JOURNAL, (July 7, 2020), *accessed at* https://www.djournal.com/monroe/news/psc-creates-connect-mississippi-committee-presley-appoints-north-mississippians-to-serve/article_85035dbd-9852-52f0-acf0-34e085bd701f.html.

⁵⁵ Mississippi PSC Website, “Broadband COVID-19 Grant Program,” *accessed at* <https://www.psc.ms.gov/covid19grant>.

⁵⁶ *Id.*

⁵⁷ ETC Checklist, § I.B.1.

VoIP-enabled voice services using a new state-of-the-art, low-latency, FTTH network will provide enormous benefits that previously have been beyond the reach of consumers and businesses in many of Mississippi's rural areas. The FTTH network will ensure reliable access to gigabit tier broadband, thus enhancing educational programs, promoting business growth, generating jobs, and expanding cultural opportunities for Mississippi residents.

B. Ensuring the Availability of Quality Services at Just, Reasonable, and Affordable Rates.

A principal goal of the Telecommunications Act of 1996 is to "promote competition and reduce regulation in order to secure lower prices and high-quality services for American telecommunications consumers and encourage the rapid deployment of new telecommunications technologies."⁵⁸ As a general matter, designation of ETCs increases facilities and promotes development and deployment of advanced communications as carriers compete for consumers' business.

Designation of M-Pulse Fiber as an ETC in Mississippi will ensure the availability of quality services at just, reasonable, and affordable rates⁵⁹ by facilitating the provision of high-quality communications services to those living and working within its proposed ETC designation area. Residents in many rural areas in Mississippi have long been unable to gain access to advanced broadband services that are available to consumers living in urban areas in the State. In some rural areas, no meaningful choices for telephone and broadband services exist.

The Company's deployment of low-latency, high-speed broadband service and high-quality VoIP-enabled phone services will help to address these issues, will promote economic development in the rural areas the Company will serve, and, significantly, will help to ensure that

⁵⁸ Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56 (1996) (preamble).

⁵⁹ ETC Checklist, § I.B.2.

consumers in its proposed ETC designation area will be able to subscribe to quality services at just, reasonable, and affordable rates.

C. Promoting the Deployment of Advanced Services in Rural and High-Cost Areas.

In the *RDOF Order*, the FCC explains that “[b]ringing digital opportunity to Americans living on the wrong side of the digital divide continues to be the Federal Communication Commission’s top priority.... Without access to broadband, rural communities cannot connect to the digital economy and the opportunities for better education, employment, healthcare, and civic and social engagement it provides.”⁶⁰

There are compelling grounds for the Commission to conclude that granting M-Pulse Fiber’s application for ETC designation is in the public interest because the Company will utilize RDOF support to bring state-of-the-art low-latency, gigabit-speed broadband service to rural consumers and communities in Mississippi. The Commission’s action in granting this Application will promote this deployment, for the benefit of rural areas in Mississippi that have long been on the wrong side of the digital divide.

VII. REQUEST FOR WAIVER OF REQUIREMENT TO SUBMIT A FIVE-YEAR UPGRADES OR IMPROVEMENTS PLAN.

The Commission’s ETC Checklist requires that, in order to be eligible for an ETC designation, “[a]t the time of filing for designation, the ETC applicant shall be expected to submit a five year plan that describes with specificity the proposed improvements or upgrades to the applicant’s network throughout its proposed service area”⁶¹

⁶⁰ *RDOF Order*, 35 FCC Rcd at 687 (¶ 1).

⁶¹ ETC Checklist, § I.A.1.c.

M-Pulse Fiber seeks a waiver of this ETC Checklist requirement for the submission of a five-year improvements and upgrades plan. Such a waiver is appropriate because deployment obligations and timetables imposed on RDOF Phase I support recipients by the FCC in the *RDOF Order* are sufficient to ensure timely deployment of voice and broadband services, consistent with the policies reflected in the Commission's five-year plan requirement.

Specifically, the FCC requires RDOF Phase I support recipients to commercially offer voice and broadband service to "40% of [a calculated] number of locations in a state by the end of the third full calendar year following funding authorization, and 20% each calendar year thereafter."⁶² In addition, the FCC requires support recipients to file annual reports containing location and technology data, and to certify when they have met their service milestones.⁶³

The FCC has previously decided that similar service milestones and reporting requirements applicable to Connect America Fund ("CAF") Phase II support recipients warranted waiver by the FCC of its requirement, in Section 54.202(a)(1)(ii) of its rules,⁶⁴ that support recipients must file five-year improvement plans. The FCC found that its detailed buildout obligations for CAF Phase II support recipients provide a "more defined yardstick [than the five-year improvement plans] by which to measure [carriers'] progress towards the universal availability of voice and broadband service in their areas"⁶⁵

Significantly, the Commission also has waived its ETC Checklist five-year plan requirement in response to a request for waiver made by an applicant for ETC designation. Specifically,

⁶² *RDOF Order*, 35 FCC Rcd at 709 (¶ 45).

⁶³ *Id.* at 712 (¶ 56).

⁶⁴ 47 CFR § 54.202(a)(1)(ii).

⁶⁵ *WCB Reminds Connect America Fund Phase II Auction Applicants of the Process for Obtaining a Federal Designation as an Eligible Telecommunications Carrier*, WC Docket No. 09-197, *et al.*, Public Notice, 33 FCC Rcd 6696, 6700 & n.34 (quotation marks and citation omitted).

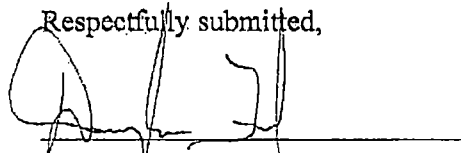
the Commission found that Aristotle Unified Communications, Inc. ("AUC"), was entitled to a waiver of the ETC Checklist requirement because of the build-out plan requirements the FCC had adopted for CAF Phase II support recipients.⁶⁶

Based on the FCC's RDOF Phase I build-out and reporting requirements, the Commission's decision in the AUC proceeding, and the fact that M-Pulse has already commenced deployment of its fiber network, M-Pulse Fiber requests that the Commission waive the requirement of ETC Checklist Section I.A.1.c., relating to the submission of a five-year improvements and upgrades plan. If the waiver is granted, then the Company will make available to the Commission all reports it is required to file with the FCC in connection with the funding awarded in the RDOF Phase I auction.

VIII. CONCLUSION.

For all of the foregoing reasons, M-Pulse Fiber, LLC, respectfully requests that the Commission designate the Company as both a high-cost and low-income Eligible Telecommunications Carrier, so that the Company will be eligible to receive the Rural Digital Opportunity Fund Phase I support it has been awarded in Auction 904, as well as federal Lifeline support, throughout its proposed ETC designation area.

Respectfully submitted,



Douglas Ford, Esq.
Mitchell McNutt & Sams, PA
P.O. Box 1366
Columbus, MS 39703

⁶⁶ *Aristotle Unified Communications, Inc., Application for Designation as an Eligible Telecommunications Carrier for Purpose of Receiving Federal Universal Service Support for the Purpose of Receiving Support from the FCC Connect America Fund Phase II*, Docket No. 2018-UA-224, Order (Feb. 5, 2019), at 6 (¶ 17).

VERIFICATION

STATE OF MISSISSIPPI)
)
COUNTY OF MONROE)

I, Charles B. Rowland, state that I am General Manager of M-Pulse Fiber, LLC; that I have read the above and foregoing document; that the statements contained therein are true and correct to the best of my information, knowledge, and belief; and that I am authorized to make this statement on behalf of M-Pulse Fiber, LLC.

Signed: 

Charles B. Rowland
General Manager
M-Pulse Fiber, LLC

CERTIFICATE OF SERVICE

I, Douglas Ford, an attorney for M Pulse Fiber, LLC ("Applicant"), do hereby certify that I have filed the foregoing Application for Designation as an Eligible Telecommunications Carrier electronically with the Commission in accordance with the guidance letter sent to the Electric Cooperatives of Mississippi by Ms. Katherine Collier, Executive Director, Acting General Counsel, on December 21, 2020, and that, in filing the Application, I have complied with the service requirements of the Commission's Eligible Telecommunications Carrier Checklist ("ETC Checklist").

I, Douglas Ford, do also certify in accordance with Section I.C.1. of the ETC Checklist that I have, as an attorney for Applicant, caused to be served concurrently with the filing of this Application, by United States Mail, postage pre-paid, a Notice of the Application, in substantially the same form as included in Exhibit C of this Application, to eligible telecommunications carriers and incumbent local exchange carriers in the State of Mississippi, as listed in Exhibit C, in satisfaction of the Commission's requirements.

This, the 31st day of December 2020.

M-PULSE FIBER, LLC



Douglas Ford, Esq.
Mitchell McNutt & Sams, PA
P.O Box 1366
Columbus, MS 39703
Phone: (662) 328-2316
E-mail: dford@mitchellmcnutt.com
Mississippi State Bar No. 8942