

Arena District 250 West Street Suite 700 Columbus, OH 43215-7509

January 5, 2017

Writer's Direct Number: 614 462-1025 Direct Fax: 614 228.4826 Internet:Jonathan.Abbott@icemiller.com

Public Utilities Commission of Ohio 180 East Broad Street Columbus, Ohio 43215

RE: In the Matter of the Application of DQE Communications LLC to Apply for Certification as a Competitive Telecommunications Service Provider Case No. 16-2328-TP-ATA; 90-9431-TP-TRF

To whom it concerns,

Please file the attached additional documents with the Certification application for DQE Communications LLC. The application was submitted as case number 16-2328-TP-ATA on December 7, 2016, has an effective date of January 6, 2017. Please note that several of the attached pages are marked Confidential to preclude disclosure if subject to a public records request in accordance with Ohio Revised Cod 149.43.

Sincerely,

ICE MHLER LLP

Jonathan Abbott

attachment

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Ica Miller Lip Chicago Cleveland Columbus DuPage County, Ill. Indianapolis Washington, D.C. icemiller.com

### The Public Utilities Commission of Ohio TELECOMMUNICATIONS FILING FORM (Effective: 9-2-2015)

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This form is intended to be used with most types of required filings. It provides check boxes with rule references for the most common types of filings. It does not replace or supersede Commission rules in any way,

In the Matter of the Application of DQE Communications LLC )	TRF Docket No. 90	
to become certified as a Competitive Local Exchange Carrier )	Case No TI	P
))	NOTE: Unless you have reserved a ( BLANK.	
Name of Registrant(s) DQE Communications LLC	·	
DBA(s) of Registrant(s)		
Address of Registrant(s) 424 South 27th Street, Suite 220, Pittsburgh, Pr	15203	
Company Web Address www.dqecom.com		
Regulatory Contact Person(s) Bridgette Dziedzic	Phone 412-393-1072	Fax
Regulatory Contact Person's Email Address BDziedzic@duqlig	ht.com	
Contact Person for Annual Report Bridgette Dziedzic		Phone 412-393-1072
Address (if different from above) 411 Seventh Avenue, Pittsburgh, PA	15219	
Consumer Contact Information		Phone
Address (if different from above)		
Motion for protective order included with filing? 🔳 Yes 🔲 No		

Motion for waiver(s) filed affecting this case? 🗌 Yes 🔳 No [Note: Waivers may toll any automatic timeframe.]

#### Notes:

Section I and II are Pursuant to Chapter 4901:1-6 OAC.

Section III – Carrier to Carrier is Pursuant to 4901:1-7 OAC, and Wireless is Pursuant to 4901:1-6-24 OAC. Section IV – Attestation.

(1) Indicate the Carrier Type and the reason for submitting this form by checking the boxes below.

(2) For requirements for various applications, see the identified section of Ohio Administrative Code Section 4901 and/or the supplemental application form noted.

(3) Information regarding the number of copies required by the Commission may be obtained from the Commission's web site at <u>www.puco.chio.gov</u> under the docketing information system section, by calling the docketing division at 614-466-4095, or by visiting the docketing division at the offices of the Commission.

(4) An Incumbent Local Exchange Carrier (ILEC) offering basic local exchange service (BLES) outside its traditional service area should choose CLEC designation when proposing to offer BLES outside its traditional service area or when proposing to make changes to that service.

All Filings that	t result in a chan	ge to one or more tar	iff pages req	uire, at a minim	um, the following ex	hibits.

Exhibit	Description:
A	The tariff pages subject to the proposed change(s) as they exist before the change(s)
В	The Tariff pages subject to the proposed change(s), reflecting the change, with the change(s) marked in the
	right margin.
C	A short description of the nature of the change(s), the intent of the change(s), and the customers affected.
D	A copy of the notice provided to customers, along with an affidavit that the notice was provided according to
	the applicable rule(s).

# Section I - Part I - Common Filings

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Carrier Type Other (explain below)	For Profit ILEC	Not For Profit ILEC	CLEC
Change terms & conditions of existing BLES	ATA <u>1-6-1-1(1+1)</u> (Auto 30 days)	ATA <u>1-6-14(11)</u> (Auto 30 days)	ATA <u>1-6-14(1)</u> (Auto 30 days)
Introduce non-recurring charge, surcharge, or fee to BLES			ATA <u>1-6-1-1(11)</u> (Auto 30 days)
Introduce or Increase Late Payment	ATA <u>1-6-1-1(1)</u> (Auto 30 days)	ATA <u>1-6-14(1)</u> (Auto 30 days)	☐ ATA <u>1-6-1-1(1)</u> (Auto 30 days)
Revisions to BLES Cap.	2TA <u>1-6-1-1(1-)</u> (0 day Notice)		
Introduce BLES or expand local service area (calling area)	ZTA <u>1-6-1-1(11)</u> (0 day Notice)	D ZTA <u>1-6-14(11)</u> (0 day Notice)	C ZTA <u>1-6-14(11)</u> (0 day Notice)
Notice of no obligation to construct facilities and provide BLES	☐ ZTA <u>/-6-27(C)</u> (0 day Notice)	☐ ZTA <u>1-6-27(C)</u> (0 day Notice)	
Change BLES Rates	(0 day Notice)	TRF <u>1-6-14(1-)(1)</u> (0 day Notice)	<b>TRF</b> <u>1.6-14(tij</u> ) (0 day Notice)
To obtain BLES pricing flexibility	BLS <u>1-6-11</u> ( <u>()()(c)</u> (Auto 30 days)		
Change in boundary	ACB <u>1-6-32</u> (Auto 14 days)	ACB <u>1-6-32</u> (Auto 14 days)	
Expand service operation area			TRF <u>1-6-08(G)(0 day)</u>
BLES withdra wal			ZTA <u>1-6-25(B)</u> (0 day Notice)
Other* (explain)			

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Section I ~ Part II - Customer Notification Offerings Pursuant to Chapter 4901:1-6-7 OAC

Type of Notice	Direct Mail	Bill Insert	Bill Notation	Electronic Mail
15-day Notice				
30-day Notice				
Date Notice Sent:				

# Section I - Part III - IOS Offerings Pursuant to Chapter 4901:1-6-22 OAC

IOS	Introduce New	Tariff Change	Price Change	Withdraw
<u> </u>				

[		ILEC	CLEC	Telecommunication	CESTC	CETC
	Certification	(Out of		s Service Provider		
		Territory)		Not Offering Local		
Ī	* See Supplemental	ACE <u>1-6-08</u>	ACE <u>1-6-08</u>	× ACE <u>1-6-08</u>	ACE <u>1-6-10</u>	UNC <u>1-6-09</u>
l	form	* (Auto 30- day)	*(Auto 30 day)	*(Auto 30 day)	(Auto 30 day)	*(Non-Auto)

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Section II – Part I – Carrier	Certification - Pursuant to Chapter	4901:1-6-08, 09 & 10 OAC
	controller and and the stapter	

\*Supplemental Certification forms can be found on the Commission Web Page.

# Section II – Part II – Certificate Status & Procedural

Certificate Status	ILEC	CLEC	Telecommunications Service Provider Not Offering Local
Abandon all Services		ABN <u>1-6-26</u> (Auto 30 days)	ABN <u>1-6-26</u> (Auto 30 days)
Change of Official Name *	ACN <u>1-6-29(B)</u>	ACN <u>1-6-29(B)</u>	CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
Change in Ownership *	ACO <u>1-6-29(E)</u>	ACO <u>1-6-29(E)</u>	CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
Merger *	AMT <u>1-6-29(E)</u>	AMT <u>1-6-29(E)</u>	CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
Transfer a Certificate *	ATC <u>1-6-29(B)</u>	ATC <u>1-6-29(B)</u>	CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
Transaction for transfer or lease of property, plant or business *	☐ ATR <u>1-6-29(B)</u>	☐ ATR <u>1-6-29(B)</u>	☐ CIO <u>1-6-29(C)</u>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)
<ul> <li>The first second s</li></ul>			

\* Other exhibits may be required under the applicable rule(s). ACN, ACO, AMT, ATC, ATR and CIO applications see <u>the 4901:1-6-29 Filing Requirements on the Commission's Web Page</u> for a complete list of exhibits.

Section III - Carrier to Carrier (Pursuant to 4901:1-7), and Wireless (Pursuant to 4901:1-6-24)

Carrier to Carrier	ILEC	CLEC
Interconnection agreement, or amendment to an approved agreement	□ NAG <u>1-7-07</u> (Auto 90 day)	□ NAG <u>1-7-07</u> (Auto 90 day)
Request for Arbitration	(Non-Auto)	ARB <u>1-7-09</u> (Non-Auto)
Introduce or change c-t-c service tariffs,	ATA <u>1-7-14</u> (Auto 30 days)	ATA <u>1-7-14</u> (Auto 30 days)
Request rural carrier exemption, rural carrier suspension or modification	UNC <u>1-7-04</u> or 05 (Non-Auto)	
Changes in rates, terms & conditions to Pole Attachment, Conduit Occupancy and Rights- of-Way.	ATA <u>1-3-04</u> (Auto 30 days)	
	, <u></u>	
Wireless Providers See <u>4901:1-6-24</u>	RCC [Registration & Change in Operations]	Interconnection Agreement or

Section IV. - Attestation

Registrant hereby attests to its compliance with pertinent entries and orders issued by the Commission.

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	liance with Commission	Killes
I am an officer/agent of the applicant corporation, James W. Morozzi	DQE Communications	, and am authorized to make this statement on its behalf.
(Naine)		
Please Check ALL that apply:		
■ I attest that these tariffs comply with all applicab imply Commission approval and that the Commission provisions in our tariff. We will fully comply with various penalties, including the suspension of our cert	t's rules as modified and cla the rules of the state of Ol	arified from time to time, supersede any contradictory nio and understand that noncompliance can result in
I attest that customer notices accompanying this f accordance with Rule 4901:1-6-7, Ohio Administration	iling form were sent to affe ve Code.	ected customers, as specified in Section II, in
I declare under penalty of perjury that the foregoing i	s true and correct.	
<ul> <li>Executed on (Date) at (Location) at (Location)</li> <li>This affidavit is required for every tariff-affe authorized agent of the applicant.</li> </ul>	*(Signature and Title	Pisuder Hab M (Date) 10/20/ 2016 Pisuder Hab M (Date) 10/20/ 2016 nearby counsel or an officer of the applicant, or an
	VERIFICATION	
James W. Morozzi have utilized the Telecommunications Filing Form for submitted here, and all additional information submit	ted in connection with this	case, is true and correct to the best of my knowledge.
*(Signature and Title) *Verification is required for every filing. It may be a applicant.	signed W counsel or an of 1100000000000000000000000000000000000	(Date) 10/20/2016 Ficer of the applicant, or an authorized agent of the
Send your completed Application Form, include	ing all required attachmen	ts as well as the required number of copies, to:
At	c Utilities Commission of tention: Docketing Division ad Street, Columbus, OH	ôn

Or Make such filing electronically as directed in Case No 06-900-AU-WVR

Page 4 of 4

NO	The Public Utilities Commission of O/ NICATIONS SUPPLEMENTAL APP for CARRIER CERTIFICATION (Effective: 01/20/2011) (Pursuant to Case No. 10-1010-TP-ORD) TE: This SUPPLEMENTAL form must be used V MMUNICATIONS FILING FORM for ROUTINE PR	LICATION FORM
to become certified as a Competitive Local Exchange Carrie		• NO • • F
	)	
Name of Registrant(s) <u>DQE Communications LLC</u> DBA(s) of Registrant(s) Address of Registrant(s) <u>424 South 27th Street</u> , s	Suite 220, Pittsburgh, PA 15203	
Motion for protective order included we Motion for waiver(s) filed affecting the	with filing? 🔳 Yes 🗌 No is case? 🔲 Yes 🔳 No [Note: waive	r(s) tolls any automatic timeframe]
List of Required Exhibits		
Tariffs: (Include all that apply)		
Interexchange Tariff	Local Tariff	CESTC Tariff
	Carrier-to-Carrier (Access) Tariff	
<b>Description of Services</b>	NOTE: All Facilities-Based ca	rriers must file an Access Tariff
Service provisioned via Resale	Service provisioned via Facilities	Both Resold and Facilities-based
Description of Proposed Services	Statement about the provision of CTS services	Description of the general geographic area served
Explanation of how the proposed services in the proposed market area are in the public interest.	Description of the class of customer applicant intends to serve	s (e.g., residence, business) that the
<b>Business Requirements</b>		
Evidence of Registration with:	Ohio Department of Taxation	Ohio Secretary of State <sup>1</sup> & Certificate of Good Standing
Documentation attesting to the applic	ant's financial viability, including the	following:
An executive Summary describing the	e applicant's current financial condition.	liquidity, and capital resources. Describe

- An executive Summary describing the applicant's current financial condition, liquidity, and capital resources. Describe internally generated sources of cash and external funds available to support the applicant's operations that are the subject of this certification application.
- Copy of financial statements (actual and pro forma income statement and a balance sheet). Indicate if financial statements are based on a certain geographical area(s) or information in other jurisdictions
- Documentation to support the applicant's cash and funding sources.

## Documentation attesting to the applicant's managerial ability and corporate structure, including the following:

- Documentation attesting to the applicant's technical and managerial expertise relative to the proposed service offering(s) and proposed service area
- List of names, addresses, and phone numbers of officers and directors, or partners.
- Documentation indicating the applicant's corporate structure and ownership
- Information regarding any similar operations in other states.

If this company has been previously certified in the State of Ohio, include that certification number \_\_\_\_\_

Verification that the applicant will follow federal communications commission (FCC) accounting requirements, if applicable.

<sup>&</sup>lt;sup>1</sup> Certification from Ohio Secretary of State (domestic or foreign corporation, authorized use of fictitious name, etc.), and Certificate of Good Standing is required.

# Documentation attesting to the applicant's proposed interactions with other Carriers

Explanation as to whether rates are derived	t through (check all applicable):	
interconnection agreement	🔲 retail tariffs	resale tariffs
Explanation as to which service areas compared and the service areas compared at the service	pany currently has an approved int	erconnection or resale agreement.
A notarized affidavit accompanied by bona Telecommunications Act of 1996 and a p to end users.	fide letters requesting negotiation roposed timeline for construction,	pursuant to Sections 251 and 252 of the interconnection, and offering of services
Documentation attesting to the applicant's	proposed Interactions with Custo	omers
A sample copy of the customer bill and disc	connection notice the applicant pla	ns to utilize.
Provide a copy of any customer application	form required in order to establish	residential service, if applicable.
For CLECs, List of Ohio ILEC Exchanges the (Use spreadsheet from: <u>http://www.puc.sta</u> )		<u>id=357)</u>
If Mirroring the entire ILEC local service ar local exchange areas, the CLEC shall spece		
	Affidavit	
I am an authorized representative of the applicant $\circ$	prporation James W. Morozzi	
and I am authorized to make this statement on its b Form for Carrier Certification provided by the Comm submitted in connection with this case, is true and c	hission, and that all of the information	
Executed on	at <u>Pittsburgh, PA</u>	۸
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# The Public Utilities Commission of Ohio TELECOMMUNICATIONS RETAIL SERVICE OFFERING FORM For Non-BLES Carriers

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Per the Commission's 01/19/2011 "Implementation Order" in Case No. 10-1010-TP-ORD

(Effective: 01/20/2011)

Company Name		
Company Address 424 South 27th Street, Suite 220	), Pittsburgh, PA 15203	
Company Web Address www.dqecom.com		
Regulatory Contact Person Bridgette Dziedzic	Phone 412-393-1072	Fax
Regulatory Contact Person's Email Address BZiedz	ic@duqlight.com	
Contact Person for Annual Report Bridgette Dzied	lzic <sub>Phone</sub> 412-393-1072	) Fax
Consumer Contact Information	Phone	Fax
TRF Docket No		
I. Company Type (Check all applicable):		
□ Non-BLES CLEC □ IXC ■ Other (exp	<sub>blain)</sub> CTS Provider	
II. Services offered (Check all applicable):		
Toll services (intrastate)		
Local Exchange Service (i.e., residential or business	bundles)	
Other (explain)	<u>.                                    </u>	
III. Tariffed Provisions/Services (To the extent offere	d, check all applicable and atta	<u>ch tariff pages):</u>
□ Toll Presubscription		
□ Intrastate Special and Switched Access Services to Ca	arriers (facilities-based local carr	riers only)*
□ N-1-1 Service		
Pole Attachment and Conduit Occupancy		
Pay Telephone Access Lines		
Inmate Operator Service		
Telephone Relay Service		

\*Access service tariffs shall be maintained separately and are subject to the Commission's carrier-to-carrier rules found in Chapter 4901:1-7, Ohio Administrative Code.

# Part IV. - Attestation

Carrier hereby attests to its compliance with pertinent entries and orders issued by the Commission.

I am an officer/agent of the carrier/telephone company, James W. Morozzi , and am authorized to make statements on it behalf.

(Name)

...

I understand that Telephone companies have certain responsibilities to its customers under the Telecommunications Rules (Ohio Adm. Code 4901:1-6). These responsibilities include: warm line service; not committing unfair or deceptive acts and practices; truth in billing requirements; and slamming and preferred carrier freeze requirements. We will comply with the rules of the state of Ohio and understand that non-compliance can result in various penalties, including the suspension of our certificate to operate within the state of Ohio.

I declare under penalty of perjury that the foregoing is true and correct.

2, forto C80 (Signature and Title) W 2016

(Date)

# <u>A Letter Requesting Negotiation to Interconnect; Provisioning of Data Services; Facilities; and Resale</u> of Services:

DQE Communications LLC ("DQE") is seeking to provide telecommunications services through its wholly owned and operated fiber optic network, which has not yet been built within the State of Ohio.

DQE provides customized communications networks and services to business customers transported over a fiber optic link or Ethernet platform. DQE's networks and services are provided primarily to other telecommunication carriers, commercial and government customers (including, but not limited to, those in the financial, healthcare, education, and enterprise sectors) to support their high bandwidth network requirements. DQE will utilize existing utility poles and existing ducts when available. DQE does not intend to furnish traditional residential or business local telephone services or switched interexchange services.

During years one and two, DQE will be building its infrastructure and network within Ohio and will be providing dark fiber services to commercial customers on an Individual Case Basis (ICB). DQE is a non-franchise entity, and currently does not have a target list, nor will DQE be targeting entry into all buildings at once. DQE looks to enter into the Ohio market with DQE's wholly owned fiber network, accepting ICB orders to continue to build the network out within the state. Once a fiber network has been built, DQE will seek Interconnect Agreements with IXC and LEC telecommunication carriers (such as Verizon and AT&T).

In addition, DQE will not be looking to build or lease any physical locations until the fiber network has been built, at which point DQE will look for a hub/datacenter location within its wholly owned network and staff accordingly.

DQE does not have any plans to resell any services or portions of the network. DQE will look to start with providing Dark Fiber and/or Metro Ethernet services to commercial customers as the network is contructed. Once the network has been built, DQE may look to provide internet services at a future date. Please find attached information regarding DQE's Dark Fiber and Metro Ethernet services.

# **Type II Services in Ohio:**

In addition to the above, DQE currently provides Type II Services within the state of Ohio. Under a Type II Service, DQE currently provides Metro Ethernet services to a few current customers using a third party service provider (for example Level 3 or Zayo) to provide the connectivity to the customer premise/site, due to it being outside of DQE's current fiber network/service footprint. DQE currently has several large financial customers (banks) whom we provide services to connecting their headquarters offices with various branch locations. These financial institutions also have branches in Ohio, for which we have provided Metro Ethernet services using a Type II connection. The configuration of two fiber-optic carrier networks ("Type II network") is provided through the resale of the third party fiber optic Ethernet circuit by DQE. Attached please find an example of the contract between DQE and the third party service provider (Zayo) for providing this Type II service, as well as an example Service Order between DQE and a Customer for this Type II Service.

Once DQE has built out its fiber optic network within the State of Ohio, we would hope to bring these customers completely into our network, without use of a third party service provider.

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щ	nvoice Number: Ci000x Invoice Date: 4/30/2016 Terms: Net 30 ent Due Date: 5/30/2016 ervice Period: Apr 2016 ervice Period: Apr 2016 ervice Period: 9999 ier Reference: 9998	Amount	\$ 100.00	\$ 100.00	JNT \$100.00 and choose						
INVOICE	Invoice Number: C1000x Invoice Date: 4/30/2016 Terms: Net 30 Payment Due Date: 5/30/2016 Service Period: Apr 2016 Account Number: 9999 Other Reference: 9998	State/ County Sales Tax		Previous Balance \$	- PAY THIS AMOUNT \$100.00 ER of 412-393-1033, and choose of	er Name					
	ά.	Other Fees/ Surcharges/ Credits	44 44 44			Customer: Customer Name	ber: 9999	Invoice Number: CI000x	Amount Due: \$ 100.00	aid:	
	www.dqecom.com	Non-Recurring Charges/ Credits	<b>6</b>	<b>5</b>	Strain or call 1.	Custor	Account Number: 9999	Invoice Num	Amount [	Amount Paid:	
		Recurring Charges	\$ 100.00	\$ 100.00	Dease contact billing@dqe.com						
	Fax: (412) 393-1011	Purchase Order No.	PO-12345		g inquiries, ple				~		
	Phone: 1-866-GO-FIBER	Service Description Service Transaction ID No.	1 2 3 SO-12345		- PAV THIS AMOUNT \$100.00 Thank you for your business. We book forward to continuing to serve you. If you have any billing inquiries, please contact billing@dqe.com, or call 1-866-GO-FIBER or 412-393-1033, and choose option 4	n Bêrî le tî furt ni nî nê bê û ne bi tê nê bê den bi tê di den na men ne n	Or remit via electronic fund transfer to:	Institution: BNY Mellon, N.A.	Account Holder: DQE Communications LLC Account Number: 0000372728	ABA Number: 043000261	
			Dark Fiber Point-to-Point		ward to continue ation on additiona		Or remit via e	<u>.</u>	Account	ABA	
DOE Communications LLC	ions LLC	Invoice Description	12-count		Thank you for your business. We look forward to continuing to se when prompted. If you would like information on additional service		ent by mail to;	ons LLC	3-5378		
	DQE Communications LLC P.O. Box 533378 Pittsburgh PA 15253-5378 Bill To: Company Name Company Adress Company Adress	Service Address	123 Main Street	Total this period	Thank you for your when prompted. If y	Remittance Slip	Please remit payment by mail to:	DOE Communications LLC	P.O. Box 535378 Pittsburgh PA 15253-5378		

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Page 1 of 1

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DQE Communications

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January 4, 2017

Public Utilities Commission of Ohio Rates & Analysis Department Telecommunications & Technology Division 180 East Broad Street Columbus, Ohio 43215

RE: In the Matter of the Application of DQE Communications LLC to Apply for Certification as a Competitive Telecommunications Service Provider Case No. 16-2328-TP-ATA; 90-9431-TP-TRF

To whom it concerns,

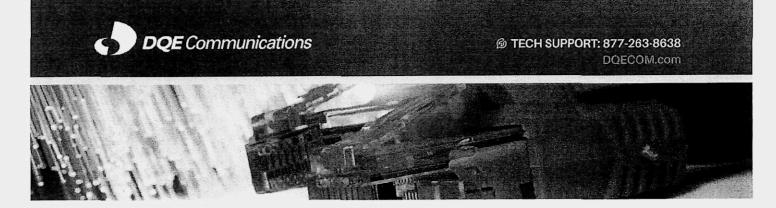
DQE Communications LLC follows Federal Communications Commission (FCC) accounting and regulatory requirements, where applicable, under Registration Number 0024368151.

Sincerely,

Thomas Paust

Thomas Faust Controller

③ TECH SUPPORT: 877/263-8638



# METRO ETHERNET SOLUTION

Cost-effective, exceptionally reliable, secure and simple to maintain

#### Fast and Reliable Ethernet Service for Your Business

With committed speeds from 10 Mbps to 10 Gbps, DQE's Metro Ethernet network solution extends your Ethernet LAN over our wide area network (WAN), connecting each of your users via a redundant, secure, fiber-optic network.

#### **Exceptionally Reliable**

- Reliability of the network is unmatched, as our lowlatency core ring configuration is designed to be more dependable.
- Less than 50 millisecond failover in the event of a fiber cut.
- DQE operates, manages and monitors the network, end-to-end, 24/7.
- · Best-in-class Service Level Agreements (SLAs).

#### Superior Security

- A true, Private Network, which inherently creates a much more secure solution than an internet-based Virtual Private Network.
- Additionally, DQE's all-optical path provides far greater physical network security than electricallybased transport.

### **Guaranteed Scalability**

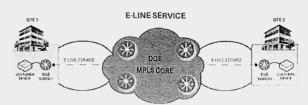
• Our custom solutions are always flexible and can easily scale with all of your business' increasing bandwidth demands.

#### Highlights of DQE's Metro Ethernet Solution

- Fast, reliable, secure, managed Ethernet over a 100% fiber optic network
- · Cost-effective, robust and easy to maintain
- Redundant core ring configuration
- · 24/7/365 network monitoring

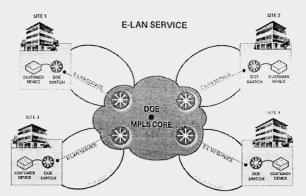
### Customized E-LINE Solution:

High-speed LAN-to-LAN connectivity between two enterprise locations



## **Customized E-LAN Solution:**

Connects multiple enterprise locations together in a private any-to-any LAN that extends throughout, and beyond, the metro area





# UNITED STATES OF AMERICA STATE OF OHIO OFFICE OF THE SECRETARY OF STATE

I, Jon Husted, do hereby certify that I am the duly elected, qualified and present acting Secretary of State for the State of Ohio, and as such have custody of the records of Ohio and Foreign business entities; that said records show DQE COMMUNICATIONS LLC, a Pennsylvania For Profit Limited Liability Company, Registration Number 2163856, filed on January 7, 2013, is currently in FULL FORCE AND EFFECT upon the records of this office.



Witness my hand and the seal of the Secretary of State at Columbus, Ohio this 29th day of December, A.D. 2016.

Ion Huster

**Ohio Secretary of State** 

Validation Number: 201636403946